

# Provisioner

Leading Publication in the Meat Packing and Allied Industries Since 1891

## Steelcote Announces



## NEW ODORLESS TYPE NON-YELLOWING DAMP-TEX

### NOW DAMP-TEX OFFERS GREATER ADVANTAGES THAN EVER BEFORE

Odorless and non-toxic, it will not taint foods. Non-yellowing — new whiter white that stays white.

Damp-Tex System advantages include rapid 30-minute drying desired, extreme hardness and resistance to mildew, acids and alkali, high light reflecting beauty and easy application on wet or dry surfaces.

The Damp-Tex System has been solving special painting problems for over 15 years in more than 10,000 plants throughout the world. It may also have the answer to your special painting problem.

Drop us a note on your letterhead, and we will send our representative to survey your plant and furnish you with detailed recommendations, without obligation, of course.

### STAINLESS STEEL COATING

Apply with brush or spray-gun. Unequalled protection for equipment and metal surfaces subject to extreme acid and alkali conditions. Costs less than 4c per square foot. Write us for information.



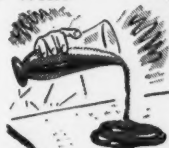
#### FUNGUS TEST

Pre-treated Damp-Tex will resist fungus, mold or mildew on the surfaces painted with it.



#### MOISTURE TEST

Water soaked bricks painted with Damp-Tex and dried in the sun prove the film will not blister or break.



#### CAUSTIC SOLUTION TEST

Two to three percent caustic washing solutions are not injurious to Damp-Tex Enamel.



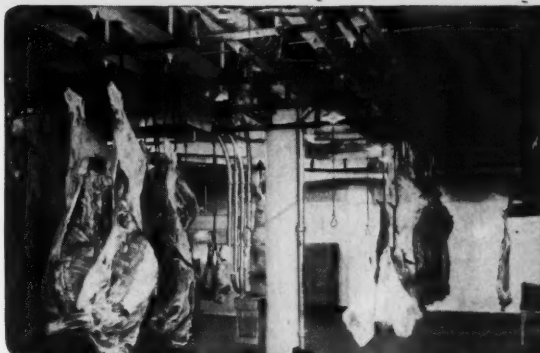
#### ACID TEST

Damp-Tex is unaffected by lactic and other common food acids.



#### STEAM TEST

Damp-Tex is unaffected by live steam common to many plants.

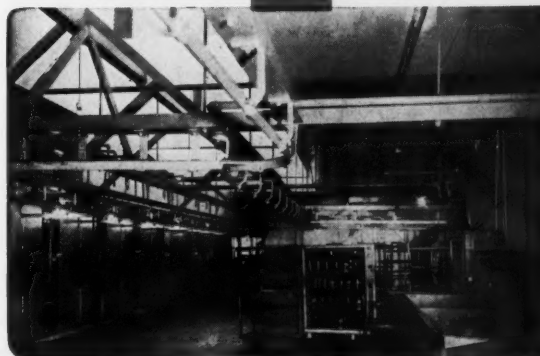


#### MONEY BACK GUARANTEE

If after following simple directions the buyer finds any shipment of Damp-Tex does not do all we claim for it, notify us and we will give shipping instructions for the balance and cancel the charge for the amount used or, if already paid for, will refund the money.

#### SEND A TRIAL ORDER TODAY

Order one or more gallons of Damp-Tex Enamel Under-coater and we will ship at no risk to you with full instructions for satisfactory results. Damp-Tex, pre-treated at the factory against bacterial and fungus growth, may be had at an additional cost of 30c per gallon.



Canadian Industrial Distributor: G. H. Wood & Co., Ltd., Toronto

# STEELCOTE MANUFACTURING CO.

3418 GRATIOT AT THERESA

ST. LOUIS 3, MISSOURI

INTERNATIONAL MANUFACTURERS OF PAINTS, VARNISHES AND ENAMELS



Capacities from 75 to 2,000 pounds  
(Vacuum Mixer)



The Equipment  
with the best  
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**THE BEST  
EQUIPMENT  
FOR YOU**

**The Vacuum Mixer  
that's "FIRST"  
on all counts**

First in the field . . . first in sales . . . first in the features you want . . . first in the esteem of leading meat packers. BUFFALO Vacuum Mixers put 20% more meat in every casing, eliminate air, protect color, give better curing qualities. With a record like that, you can invest in a BUFFALO Vacuum Mixer with absolute confidence.

# Buffalo

**QUALITY  
SAUSAGE MACHINERY**

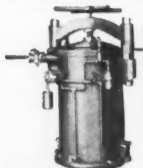
**for more than 80 years**

\* BUFFALO equipment is noted for its sound design . . . sturdy construction . . . safety and sanitation . . . dependable performance and coast-to-coast factory service. BUFFALO is first in offering new proved features that increase plant efficiency and protect product quality.

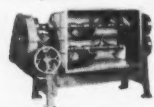
**John E. Smith's Sons Co.**

**50 BROADWAY BUFFALO 3, N. Y.**

*Sales and Service Offices in Principal Cities*



**STUFFERS**, Capacities from 80 to 1,000 lbs.

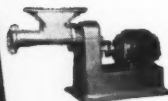


**STANDARD MIXERS**, Capacities from 75 to 2,000 lbs.

**THE MOST  
COMPLETE LINE OF  
SAUSAGE-MAKING  
MACHINERY**

**Widest range  
of sizes**

**Greatest variety  
of types**



**GRINDERS**, Capacities from 1,000 to 15,000 lbs. per hour



**SILENT CUTTERS**, Cutter Capacities from 20 to 800 lbs.

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| <input type="checkbox"/> Silent Cutter  | <input type="checkbox"/> Smokemaster | <input type="checkbox"/> Head Cheese Cutter                       |
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| <input type="checkbox"/> Casing Applier | <input type="checkbox"/> Stuffer     | <input type="checkbox"/> Combination of Special Purpose Equipment |

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# MORE THAN 25 VARIETIES OF CIRCLE-U DRY SAUSAGE



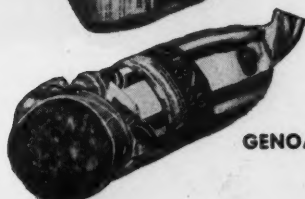
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TO MEET EVERY TASTE AND  
NEED OF YOUR CUSTOMERS!

✓ ASSURE YOU OF MORE  
SALES PER CALL . . . MORE  
PROFIT PER SALE!

Consumer tastes in dry sausage vary widely. You appeal to all of them . . . to every market . . . when you offer Circle-U's wide variety to your customers.

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Circle-U assure you and your customers of a continuing profitable business. Let this fast growing line go to work for you. Sell Circle-U Dry Sausage along with your regular sausage line.

*It will pay you to get acquainted with Circle-U.*

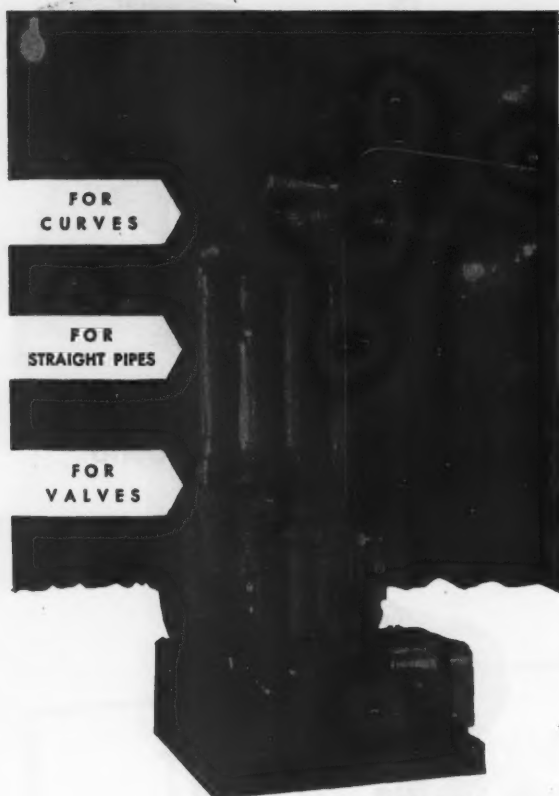
*Ask our representative to call today!*



## Circle-U Dry Sausage

P.O. Box No. 214, St. Louis, Mo. • South St. Joseph, Mo.





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Efficiency

SPECIFY ALL-HAIR

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OZITE All-Hair Felt has been the best insulation for the refrigeration industry for over half a century. Here's why —

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For all of the facts about time-proven OZITE send for 4-page Bulletin No. 300.

**AMERICAN HAIR & FELT COMPANY**

MERCHANDISE MART  
CHICAGO 54, ILLINOIS

# THE NATIONAL *Provisioner*

VOLUME 130 JANUARY 23, 1954 NUMBER 4

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### EXECUTIVE STAFF OF THE NATIONAL PROVISIONER, INC., Publisher of

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## **WSMPA to Look at Industry, Nation, World**

Latest developments in the meat packing industry and problems of national and world-wide scope will be discussed at the eighth annual meeting of the Western States Meat Packers Association, Inc., February 17, 18 and 19 in the Palace Hotel, San Francisco. Among topics of major importance to the industry will be prospects for stabilizing the cattle business this year, accounting, plans for the eradication of vesicular exanthema in hogs, prepackaging and other merchandising trends. The Suppliers' Exposition, sold out three months in advance, is said to be the "finest ever" set for the West Coast.

Packers will get a first-hand account of happenings on the international and national scene at the afternoon general session February 19. Major General William F. Dean, 6th Army, Presidio, San Francisco, prisoner of war in Korea for three years, will speak on "My Experience with Communism." Secretary of Agriculture Ezra Taft Benson will address the group on "The New National Agricultural Program."

A preconvention meeting of the WSMPPA board of directors is scheduled for 2 p.m. Tuesday, February 16, in the Palace.

## **Wilson Domestic Earnings Rise to \$3,035,999**

Net earnings of Wilson & Co., Chicago, and domestic subsidiaries rose to \$3,035,999 in the fiscal year ended October 31, 1953, compared with a net loss of \$763,341 by the same companies in the previous fiscal year, the firm's annual report to stockholders revealed. Earnings of foreign subsidiaries are listed separately in a changed method of reporting. The outlook for 1954 appears favorable to President James D. Cooney. (See page 15 for more detailed story.)

## **Hygrade Buys Carstens Packing Co.**

Hygrade Food Products Corp., Detroit, added another sturdy link to its meat packing chain this week with the purchase of Carstens Packing Co., Tacoma. The purchase price was reported on the West Coast as "in the neighborhood of \$3,500,000" although no figure was announced by the firms involved. More details about the sale appear on page 19.

## **New NAM Head Sees No 'Sharp' Recession**

Harold C. McClellan, new president of the National Association of Manufacturers, predicted this week that there will be no sharp recession if the government lets industry, unhampered by oppressive taxes, get on with its job of selling and expanding to create new jobs.





This view of plant shows loading dock at second floor level.



Meats are displayed for camera before shipment.



All raw meats are held in stainless steel trucks in cooler.



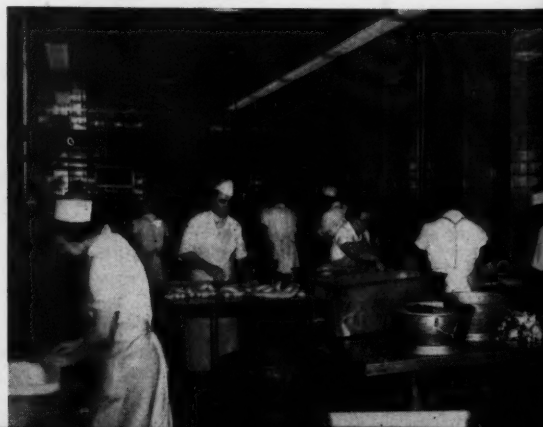
Sausage batch is unloaded easily from vacuum mixer.



Natural casing strands are linked by machine.



Emulsion is unloaded from side of new silent cutter.



Utmost in sanitation is built into new stuffing room.

## Modernize Kitchen M

--But, Weisel of Milwaukee continues traditions of beer and sausage era in this new age of scientific meat processing.

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Loaf





ment. Natural casing product is ready for branding in cooler.



Sales Manager Hotz examines printing on Braunschweiger.

## Meet Change in Buyer Demand—

**B**ACK in 1878, two brothers, Carl and Paul Weisel, from Cologne, Germany, founded a small sausage shop in Milwaukee. The shop prospered in a boom that mated the city's sausage and beer.

Harry P. Hotz, veteran sales manager of the current Weisel & Co., claims that both Milwaukee's beer and sausage industry received their first impetus from the Chicago fire of 1871 which burned out all of the latter city's breweries on the west side and, at the same time, brought visitors to see the ruins. A major share of the business of providing food and drink for the travelers fell to Chicago's northern sister city, Milwaukee. The sales acceptance gained for Milwaukee's twin specialties has continued to this day.

Weisel & Co., one of the two surviving old-time Milwaukee sausage plants, which incorporated in 1901 and built its plant in 1898, today ships the bulk of its weekly production of more than 175,000 lbs. over the entire United States.

The practice followed by early-day brewers in shipping sausage as a freight-free item suspended from the

rafters of a railroad car loaded with kegs of beer did much to bolster the demand for Milwaukee style sausage. Even today Weisel numbers among its customers accounts such as the Nicholas Restaurant in Schenectady, N. Y., which it first sold in the beer and sausage days of the late '90s.

Over the intervening years the tastes and demand for sausage have changed, as has the business of Weisel. When the firm's plant was built in 1898, dry sausage was the principal item of production. Today, however, the firm makes over 50 sausage products, of which a few are in the dry sausage class. Specialties today are Braunschweiger, Goose Liver sausage, Hildesheimer, Bratwurst, Knackwurst and other loaf and cold cut specialties.

As the nature of its sausage business changed, the firm found its physical layout had become unsuitable. The 15-ft. high drying rooms, for example, represented a lot of wasted space.

In 1925, management passed to Carl Weisel, jr. In 1932, when all business was at a low ebb, Carl, jr., initiated a slow and well-planned program of re-

building his sales organization and his plant. During 1953, the 75th anniversary year, the firm completed its major building revision program which integrated the entire plant so that the first floor is devoted to manufacturing, the second to refrigerated storage and shipping and the third to general and executive offices and comfort and dry storage facilities.

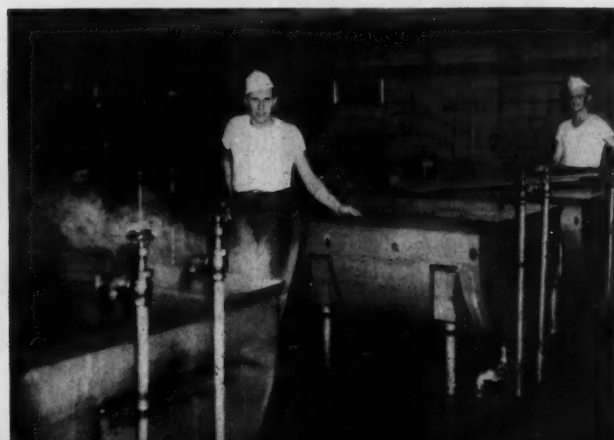
In remodeling the plant management took advantage of its side hill location and is utilizing two street levels. The first floor, which is on a railroad track level, contains the fresh meat coolers as some raw materials are received via rail. This floor also houses the engine room and the manufacturing operations. Most finished product moves out via motor truck carrier or rail express. The second floor shipping room fronts on a wide street which permits easy truck loading. The firm operates five trucks of its own for local deliveries. This dual arrangement of loading levels splits the work performance into independent functional areas.

Incoming meats are immediately transferred to stainless steel sausage

Loaf items are overwrapped with multi-colored casings.



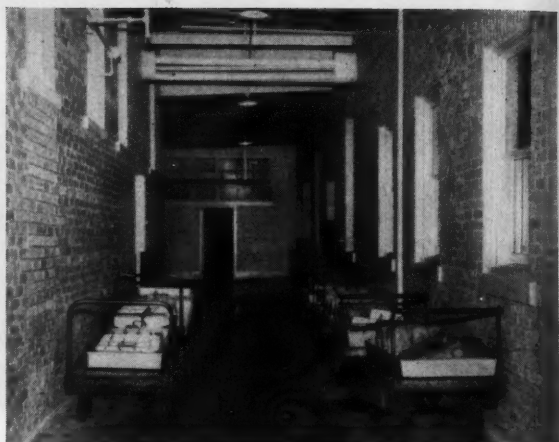
Circular tanks aid heat transfer and cleanup:







Two structural features that permit better trucking are (left) piping attached to walls that prevent trucks from damaging tile, and (right)



an aisleway built between building sections that provides inter-court product movement and storage.

trucks on receipt. Properly ticketed as to product and receiving date, they are trucked as required to the chopping room. Harry Yarnot, plant superintendent, states that the practice of unloading meats from containers into the trucks on receipt simplifies handling and improves sanitation within the plant. Two or three barrels of trimmings can be moved about easily and quickly in a sausage truck; there is no danger of barrel bottoms falling out. Time is saved also in taking the meats out of the cooler into the manufacturing room and a steady flow of material can be maintained in shoveling from truck to grinder hopper. This is consistent with good grinder practice. No meat juices are lost by leaking from barrels and boxes.

All meats are cured in stainless steel sausage trucks. The trucks used for the purpose are lid-lipped to keep the meats immersed in the curing solution.

The plant's large casing preparation room is located on the first floor. The firm uses a substantial volume of natural casings for its various sausage products. All these casings are trimmed, washed and inspected before being

moved into the stuffing room. At the same end of the building are the spice room and equipment wash room.

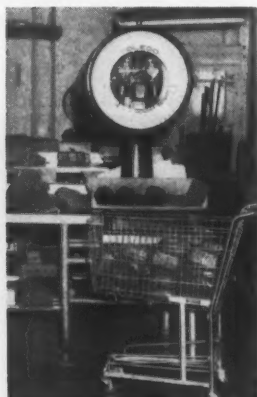
The plant employs a vat system for washing metal molds. After being placed in wire baskets in lots of 20, the molds are lifted and moved with a track mounted electric hoist through the three cleaning solutions—two of caustic and one hot water dip. The tanks are 15 ft. x 8 ft. x 5 ft. The two wings of the main plant are separated by a central court which formerly presented somewhat of a problem. In the form of waste space it increased the cleanup requirements, particularly during the summer months. Management decided to cover this open area with a skylight and to convert it into an enclosed storage space for trucks moving molds to and from the wash room. The skylight is cleaned intermittently by a spray of water. Dry stores are kept at the far end of the storage alley.

In the chopping room a new silent cutter, grinder and vacuum mixer, all furnished by Globe, have been added to older equipment. The silent cutter, which features alignment of knives in relation to work load, is reported to

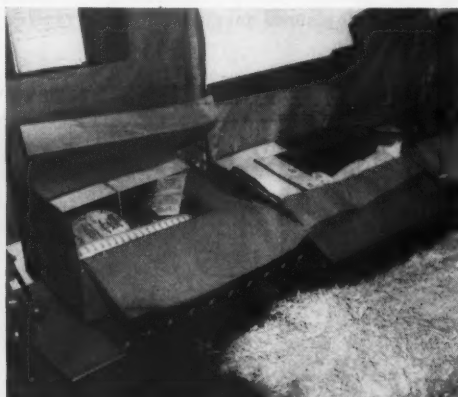
have cut chopping time by 30 per cent. Superintendent Yarnot points out that the cutter works satisfactorily on soft tissue such as liver as well as on trimmings on cow meat.

From the chop room the materials move into the stuffing room through aisles equipped with pipe rail guards which protect the tile of the walls from damage. Since the plant has standardized on sausage trucks for all raw material movement, the problem of protection was simplified as there is a uniform height at which the truck will make contact with the tiled wall. Areas around the stuffers in the stuffing room have a stainless steel plate set into the wall at this same height.

The stuffing room in which two 500-lb. stuffers, one Globe and one Buffalo, have been added to four Buffalo units, is unique in several ways. First, the ceiling is covered with a stainless steel-faced sound-proofing material. Like the walls of glazed tile, the ceiling can be washed in a matter of minutes. The highly reflective surface of the ceiling enhances the sanitary appearance of the room. Second, the whole room is air-conditioned with a Trane unit to main-



Orders are assembled with shopper type carts (left). Meats are carefully packed in shipping containers and cushioned with shredded



paper (center). Completed orders are sealed and banded, then check-weighed before being loaded on trucks (right).



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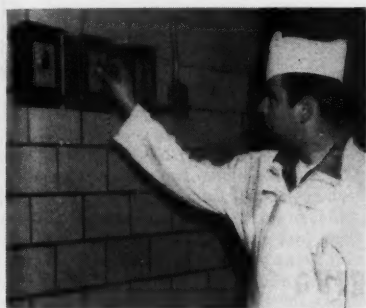
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tain the temperature at 55° F. in summer and winter. Heated or cooled air is diffused into the room through Anemostat units from central ducting. The Trane unit is mounted at ceiling height in the machine shop adjacent to the stuffing room.

From the stuffing room product moves in cage lots via elevator to the second floor for processing. On this level one side of the building houses the various heating units while the holding coolers and shipping room are located in the other section. One cook room is equipped with four stainless steel kettles along with a Dippel dicer. Adjacent to this room is the main cook room with round tanks mounted on pipe legs and which hold about two cages of long stick product. Both the circular form and the mounting of the tanks have a common purpose; they promote a high



Worker sets timer that turns water off automatically after product has been showered.

degree of sanitation by eliminating opportunity for bacterial development. In addition to being easier to clean, the circular tank is said to provide better heat distribution.

The loading level of the two-story gas-fired smokehouses abuts the tank cook room. Centrally located with relation to both the smokehouses and the tank room is the shower section. The showers, which handle up to six cages at one time, are equipped with Paragon water timers which permit the showering period to be timed for any desired length up to 30 minutes. Yarnot states that the timers, besides giving a controlled chill, are a great water saver.

Much of the firm's product is stuffed into natural casings. In the cooler in which most of this type of product is held, the firm has installed a small movable table with a notched holder for two Great Lakes branders, a permanent ink well and a top for holding another branding iron. The table gives the worker freedom of movement and avoids the damage that may result from trying to balance the branders on sticks or bay support bars. Since each product requires both the MID establishment number and the product and ingredient legends, the table permits the worker to use the branders interchangeably without losing time.

For all of its 8 oz. snacks (chubs) the firm uses Unilox casings made by the Union Plastic Film Corp. For

Braunschweiger liver in artificial casings it uses the CMVP made by Tee-Pak.

Hotz reports that the firm's imprinted trademark and product identification suffer no distortion during the normal shrink of the product. The casing is tan against which the printed material appears in red and blue, resulting in a three-color package. Hotz states the casing imprint withstands all the handling during processing, storage, and shipping. Currently Weisel is working with Union Plastics on a multi-color Unilox casing for Braunschweiger.

The firm also uses Milprint's printed Pliofilm casings as an overwrap on items such as headcheese.

In assembling orders the packing crews, who work on four lines, weigh and pack each shipment with great care. President Weisel insists that the order must be attractive in appearance when unpacked by the customer. The plant uses a special type box for shipping which is waterproof. To fill out the box so there will be no movement of product, shredded paper is placed on top of the liner sheet protecting the order. Dry ice is added to the shipping container if needed. The whole order is band strapped.

The firm also ships brined product in kegs and as a service also supplies Sichling's Milwaukee rye bread to customers who want German type bread.

Twenty-five salesmen give the firm nationwide coverage. Promotional material supporting their efforts is largely confined to packets of recipes. Each of these recipes is devoted to one specific product and stresses the fact that the sausage is Milwaukee-made under government inspection and that the Weisel firm has produced quality sausage since 1878. The firm also uses a booklet which emphasizes the economy of sausage, its nutritional values, its readiness and the many ways it can be used.

Hotz states that the drive in the firm's sales effort comes from hard selling. If a prospect argues that he cannot sell the firm's quality meats because of price, Hotz counters with the remark that he also cannot sell three cent stamps if he does not carry them in stock.

Carl Weisel, jr., attributes much of the success of the firm to the consistency with which high quality has been maintained. Quality is never lowered to meet price. If ingredient costs go up, the product price and not the formula is adjusted.

To insure top quality in Weisel sausage, management takes advantage of an old German custom to run a daily quality taste test. Zweites Fruhestueck (the second breakfast) is a strongly entrenched custom in Milwaukee. Taking advantage of this custom, company executives meet each day at 9:30 a.m. in the test kitchen and sample product from the previous day's production. This daily test, coupled with rigid sanitation and close adherence to formula, insures the firm's chief asset—a uniformly top quality sausage product.



Here's the man who...

# MEETS

Packers pack nearly every cut in HPS meat wraps, for transit or storage.

In rolls or sheets, HPS papers continue doing a swell job of keeping more and more meat in better and better condition.

# MEAT'S

Oiled, waxed, wet strength, laminated ... HPS Packers Papers meet the quality "musts" of meat men who want to be sure meat travels and arrives in best condition. If yours is the usual or the unusual protective wrapping problem, we can help you solve it.

# MUSTS

What's YOUR "Must"? Write us



PAPERS FOR PACKERS FOR 49 YEARS  
5001 WEST SIXTY-SIXTH ST., CHICAGO 38



#150 Boss "H-Control" Hydraulic Grate Dehairer. The hydraulic controlled dehairer with simplified "H" type lever control.



## Complete DEHAIRING Control

Mechanical muscles directed by a single "H TYPE" lever, gives the operator complete control of throw in, throw out, cradles at all times.

"H TYPE" shift lever operates in a manner similar to automotive shift

levers. The #150 BOSS "H-Control" Dehairer's smooth, powerful, hydraulic action, responds instantly to operator's touch. Injury to hogs is eliminated by constant "H-CONTROL" and through the flexibility of hydraulic action.

### POINTS FOR PURCHASERS

Heavy steel construction throughout.

Grate bars—extra heavy, high quality, cast iron.

Cradles—perfectly formed forged steel, reinforced with welded-in tie rods.

Scraper shaft turns on self aligning, totally sealed, roller bearings.

Totally enclosed reducer gears running in oil.

Hog killing and kindred equipment to go with dehairers.

Spray pipes with Globe Valve and powerful force spray nozzles.

Standard 10 H. P. motors.

12 standard, 4 point stars, fitted with 4" BOSS belt scrapers.

Installation supervision by factory service man available.

Capacity 125 hogs per hour.

Built by world's foremost Dehairer manufacturer.

Replacement parts in stock.

### WRITE FOR COMPLETE DETAILS

Inquiries from the Chicago area should be addressed to The Cincinnati Butchers' Supply Company, 824 West Exchange Avenue, Chicago 9, Ill.

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## Wilson Domestic Earnings Rise to \$3,035,999; Dollar Sales Decrease

NET earnings of Wilson & Co., Inc., and its domestic subsidiaries only, for the fiscal year ended October 31, 1953, were \$3,035,999, compared with a net loss for the same companies of \$763,341 in the previous year.

In the 1953 report, earnings of the company's foreign subsidiaries are not consolidated into the company's results. Originally, the company reported a net profit for fiscal 1952 of \$3,692,795, which included earnings of foreign subsidiaries.

In his letter to the stockholders, James D. Cooney, president, explains that this change in the reporting system was made for the reason that, "generally speaking, the earnings of foreign subsidiaries due to the need for working capital in some foreign countries and shortage of dollars and currency restrictions in others have not been recently and are not now available for use in the United States." For the fiscal year just ended and in future years only dividends received from foreign subsidiaries will be taken as income in the accounts of the parent company, Cooney said.

Domestic net earnings of the company amounted to 98c per share on the common stock as compared with a loss of 78c per share for the same companies in the previous fiscal year. Wilson's domestic profit per dollar of sales rose to four-tenths of one cent in 1953 from a domestic loss of one-tenth of one cent in 1952.

In connection with the domestic earnings of \$3,035,999, the president's letter points out that Last-in, First-out inventories are generally valued on the basis of 1940 costs. In the normal conduct of the business, a portion of the quantities on hand January 1 each year is liquidated during the fiscal year which ends on or about October 31, and replaced in November and December. In November and December, 1953, the anticipated marketing of hogs was substantially reduced, and it was not considered practicable or desirable to fully replace the Lifo base stock inventories of pork and lard. Consequently, because of the low base cost of the portion of the inventories not replaced, the income for the fiscal year 1953 includes approximately \$1,400,000 resulting from such liquidation.

Although domestic sales tonnage showed an increase over the previous year, domestic sales for 52 weeks were \$674,840,249 as against \$717,536,906 for 53 weeks in the previous fiscal year.



J. D. COONEY

The decrease was due primarily to lower prices for beef, mutton, veal, and the majority of by-products, especially hides and wool.

As of October 31, domestic working capital amounted to \$37,022,041 compared with \$34,151,134 at the end of 1952.

Net earnings of the company's foreign subsidiaries in 1953 amounted to \$1,218,045. A substantial portion of the company's foreign operation is in Brazil and Argentina. The Argentine results, Cooney said, were not profitable, but the Brazilian operations and results have continued to improve and for the fiscal year just ended the cruzeiro earnings (Brazilian currency) were at an all-time high.

In the financial statements a year ago, Cooney pointed out, the net assets, excepting properties, and the earnings in Brazil, were translated into U. S. dollars at the then official rate of 5½c per cruzeiro. In the 1953 fiscal year these assets and earnings have been translated into U. S. dollars at the rate of 2½c per cruzeiro. Investments and advances in foreign subsidiaries are carried at cost, which at October 31, 1953, was \$10,143,398 less than the stated value of foreign net assets underlying such investments and advances. The change in the Brazilian exchange rate has given rise to an unrealized exchange loss of \$6,878,396 which has been dealt with as an extraordinary charge to the undistributed earnings of foreign subsidiaries.

Discussing common dividends, Cooney cited the firm's need for working capital and the substantial expenditures required to meet sinking fund payments on bonds and preferred as well as dividend payments on the preferred. Preferred dividends and sinking fund requirements will total some \$2,000,000 in the 1954 fiscal year. The company has not paid common dividends since June, 1952.

One of the important research developments achieved by Wilson during the year, Cooney said, was a new line of meat food products "designed for modern living." These items will be offered to the public this year.

The company plans to place greater emphasis on advertising, public relations and sales promotion.

"The current outlook," Cooney told stockholders, "points to a continued high level in 1954 of cattle marketing, which reached a new record last year. The country's cattle and calf population probably was reduced moderately last year, but the producing capacity of our national cattle herd is still high. A level of cattle marketing not greatly different from last year should enable us to operate efficiently in this division of our business."

"Hog marketings were down sharply last year, but fortunately an upturn in

pork production is now in sight. The government's recent Pig Crop Survey indicates that the fall pig crop was 9 per cent smaller than a year earlier, but a 4 per cent increase in the 1954 spring crop is expected. This expansion should begin to be reflected in hog marketings in the late summer."

The consolidated statement of income and retained earnings for the 52 weeks ended October 31, 1953, of Wilson & Co. and its domestic subsidiaries follows:

|   |                      |
|---|----------------------|
| Net sales and operating revenues  | \$674,840,249        |
| Dividends received from foreign subsidiary companies  | 18,281               |
| Interest on securities and miscellaneous other income   | 84,770               |
|   | <b>\$674,943,306</b> |
| Less—   |                      |
| Cost of goods sold, including provision for replacement of "last-in, first-out" inventories but excluding items below | \$606,180,542        |
| Selling, general and administrative expenses  | 56,451,722           |
| Depreciation  | 2,991,094            |
| Taxes (other than taxes on income)  | 2,860,051            |
| Interest charges  | 1,490,515            |
| Minority interest in net income of consolidated subsidiaries  | 46,872               |
| Provision for federal taxes on income   | 1,895,914            |
|   | <b>\$671,907,310</b> |
| Net income for the year   | <b>\$ 3,035,999</b>  |
| Earnings retained at beginning of year—unappropriated   | 34,045,588           |
| Restoration of amount appropriated in prior years for possible future inventory price decline                         | 5,000,000            |
| Excess provisions in prior years for federal income taxes, etc.   | 1,500,000            |
| Excess of recorded value over cost of preferred stock retired   | 46,518               |
|   | <b>\$ 43,628,065</b> |
| Deduct—Dividends paid in cash:  |                      |
| On \$4.25 preferred stock (\$4.25 per share)  | 912,507              |
|   | <b>\$ 912,507</b>    |
| Earnings retained and used in the business at end of year—unappropriated  | <b>\$ 42,715,548</b> |

## Frozen Food Packers To Meet in New York

Warehousing problems will be among the subjects discussed at the "National Frozen Food Convention" to be sponsored by the National Association of Frozen Food Packers January 31 through February 3 at the Hotel Commodore, New York City.

Reservations and registrations should be made through the National Frozen Food Convention Committee, 1415 "K" st., Washington 5, D. C.

Separate conventions are being held this year by the packers and frozen food distributors. Reservations also are being accepted by the National Wholesale Frozen Food Distributors, Inc., 60 East 42nd st., New York 17, for its convention scheduled for February 21-27 at New York's Waldorf Astoria.

## 'Celery' Listing O.K.

When dehydrated celery is used as a seasoning agent for meat or meat food products, its presence may be reflected in the statement of ingredients on labeling material as "celery," according to Meat Inspection Memorandum No. 192, Supplement No. 1.





## American National Votes Campaign to Keep 'Em Eating Beef

Inauguration of a national beef promotion program to help move even more cattle to the dinner table this year was voted by the American National Cattlemen's Association at the group's 57th annual convention in Colorado Springs, Colo.

Delegates went on record in favor of a move to raise adequate funds for a national advertising promotion, a public relations campaign, an adequate research program for the furthering of new and approved marketing methods, and developing new uses of beef and its by-products.

The cowmen commended packers, the National Live Stock and Meat Board, the USDA, retailers and others for co-operating to boost beef consumption to a record 75 lbs. per capita in 1953 and urged that the groups prepare for continued promotion in the expected heavy seasonal marketings this year.

Jay Taylor, Amarillo, (Tex.) cattle producer, who had been first vice president, was elected president of the association. He is a former chairman of the National Live Stock and Meat Board. Taylor succeeds Sam C. Hyatt of Hyattville, Wyo. Elected first vice president was Don Collins, Kit Carson, Colo., son of the late Charles Collins who headed the American National from 1932 through 1935. Second vice presidents chosen include Cushman Radebaugh, Orlando, Fla.; George Godfrey, Animas, N. M.; Fred Dressler, Gardnerville, Nev.; John Guthrie, Porterville, Cal., and Earl Monahan, Hyannis, Neb.

F. E. Mollin, Denver, will continue to serve as executive-secretary. He completed his 25th year recently. Radford Hall, Denver, is again the assistant secretary.

Reno, Nev., was chosen as the 1955 convention site. The cattlemen passed resolutions commending President Eisenhower's farm program, endorsing more economy in government and urging use of import duties to purchase surplus beef for foreign aid and school lunches.

In commending the administration's policy—as well as special commendation to Secretary of Agriculture Ezra Taft Benson, principal convention speaker,—the cowmen declared "this was a step in the right direction toward bringing the nation's farm economy back to a sound basis. We reiterate our old and long-established policy against price supports and we endorse the President's program with the hope that it will eventually lead to complete decontrol."

Mrs. John Guthrie of Porterville, Cal., was voted into office as the third president of the American National Cow-Belles. Junior cattlemen from nearly 15 states elected Jerry Houck, Gettysburg, S. D., as 1954 president.

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CANNED MEATS  
COMMERCIAL SHORTENINGS  
NATURAL CASINGS • DRY  
SAUSAGE • LARD FLAKES

THE RATH PACKING CO., WATERLOO, IOWA





## FOA to Spend \$17,250,000 For Surplus Beef for U.K.

The Foreign Operations Administration has earmarked an allotment of \$17,250,000 for the purchase of frozen beef for the United Kingdom. An official said the purchases may enable Britain to end meat rationing sooner than has been expected.

The allotment was made under Section 550 of the Mutual Security Act of 1953, which authorizes FOA to spend between \$100,000,000 and \$250,000,000 on surplus U. S. agricultural commodities which are sold for local currency. The section specifies purposes for which the proceeds of such sales may be used. In the case of the beef purchases, the proceeds will be contributed to the United Kingdom's current defense program.

Because U. S. market prices for beef are higher than those the United Kingdom normally pays for overseas purchases, the FOA explained, the British government's sterling payment will be less than the equivalent of \$17,250,000. Section 550 provides that, as far as practicable, the sale price be consistent with the maximum world market price.

The quantity of beef to be bought for the United Kingdom will depend on the prices obtainable, with at least 25 per cent to be utility grade and the balance commercial grade, the FOA said. None of the beef will come from government holdings acquired through the drought relief program.

## Canadian Officials Hope To End Meat Headache

The Canadian government soon may get out of the meat-selling business, and officials hope it can stay out.

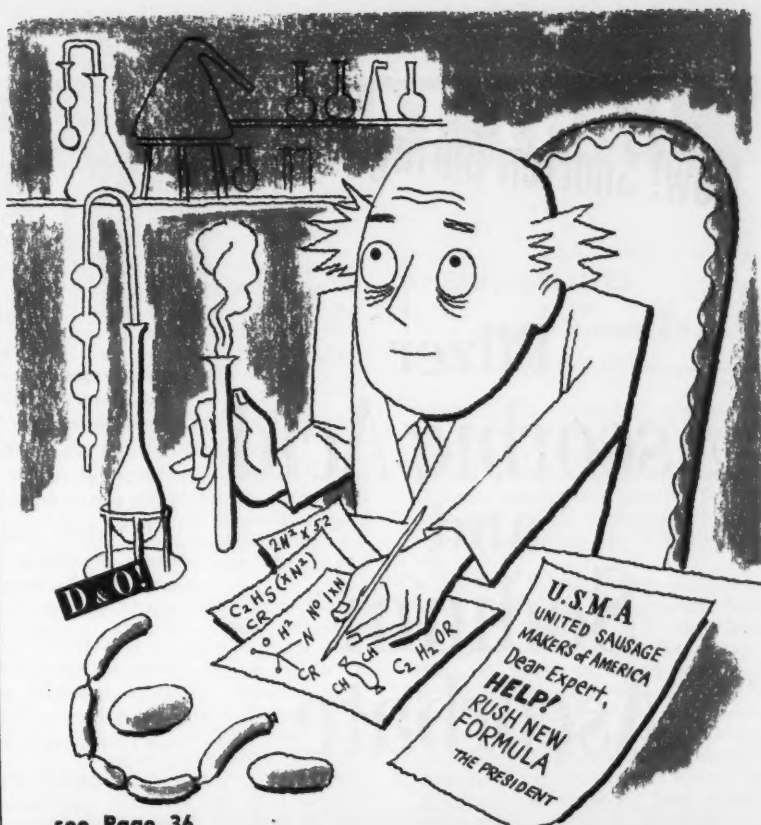
With the sale of 8,000,000 lbs. of carcass beef to Britain at fire-sale prices, the government has less than 20,000,000 lbs. of canned pork left in its larder.

The plan is to call for offers by January 25 for disposal of remaining stocks, possibly through international brokers who may sell or barter them in some overseas country. The government will accept the best offer and the outlook is that by February it will be completely out of meat.

Thus over a two-year period the government will have purchased and disposed of nearly 200,000,000 lbs. of surplus beef and pork, taken up to support the market following the outbreak of foot-and-mouth disease in 1952. When final sales are made, the loss likely will total more than \$50,000,000.

## New Meat Packing Network

The Bank of Brazil is to finance part of the cost of construction of a network of new cold storage and packing plants in the interior of the state of Rio Grande do Sul. First unit in the network will be built at Alegrete, followed by others in Sao Gabriel and Rio Pardo.



see Page 36

OUR **73<sup>RD</sup>** YEAR

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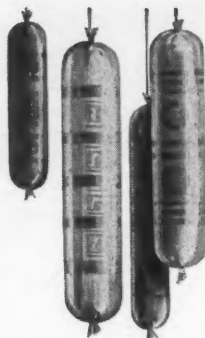
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**Cut Smokehouse Costs**

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Now, for approximately a quarter-cent a pound of finished product, you can use Pfizer Ascorbic Acid or Sodium Ascorbate to cut costs in the preparation of cooked, cured, comminuted meats.

In frankfurters, bolognas and other related meat products, these processing aids reduce considerably the time required in the smokehouse. Shorter curing time means an end to production bottlenecks and less shrinkage in the finished products. You save both time and money.

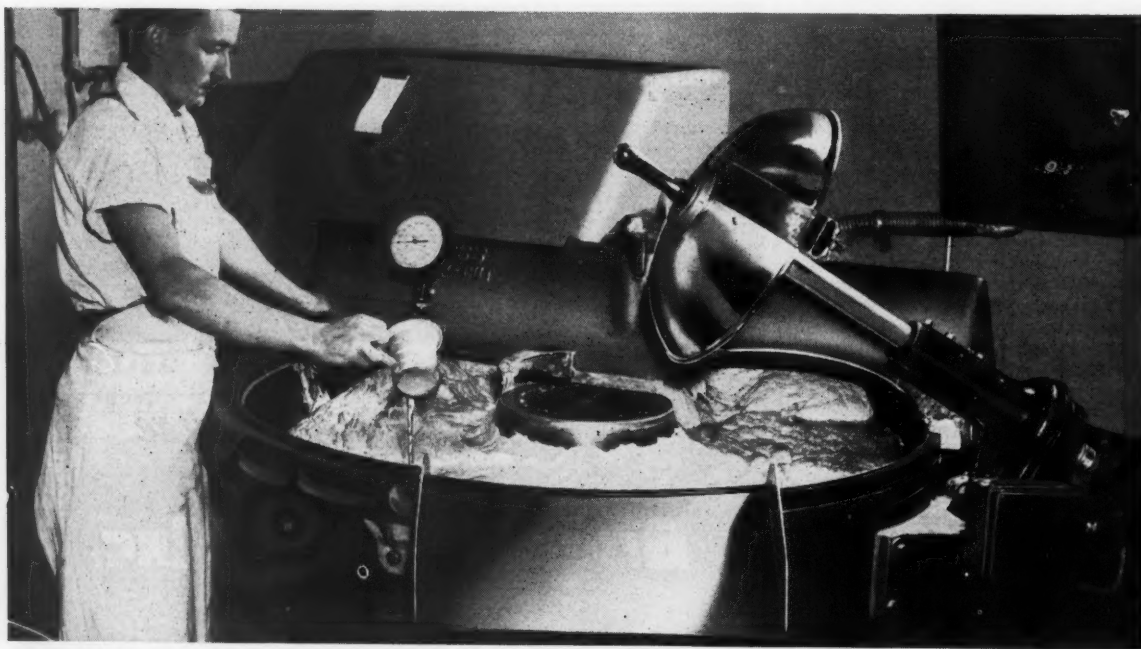
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UP & DOWN

# THE MEAT TRAIL

## Carstens Packing Co. Sold To Hygrade Food Products

Sale of Carstens Packing Co., Tacoma, Wash., to Hygrade Food Products Corp., Detroit, has been announced jointly by Thomas Carstens, president of the Carstens firm, and Hugo Slotkin, Hygrade president.

The sale, said to be one of the largest packing-house transactions in the history of the Pacific Northwest, represents the first change in ownership of the 50-year-old concern. The name Carstens will be retained by Hygrade for its operations there and both Thomas Carstens and his brother, Philip J., will be associated with Hygrade as managers in the operation of the Tacoma and Spokane plants.

Hygrade, Thomas Carstens said, "will bring to us the complete facilities of its organization such as quality control, sales promotion and consumer package promotion."

Slotkin said that no changes are



HUGO SLOTKIN

contemplated in the operating and sales personnel of Carstens. With Hygrade's worldwide operations, he added, "our ambition is to build men where we find them for the fast-growing business ahead of us."

## Miller & Hart Owners Vote To Permit Diversification

A change in the certificate of incorporation of Miller & Hart, Inc., Chicago, to permit diversification of operations was approved by the company's stockholders at the annual meeting this week.

Jay A. Pritzker and Arthur Morris, Chicago attorneys, were elected to the board of directors, and the directors subsequently elected Pritzker as chairman. Pritzker replaced F. J. Groeneveld, president of Groeneveld Co., Inc., New York City meat wholesalers and importers, as chairman. Groeneveld continues as a director.

Other directors are E. J. Drobka, company president; Marshall Bennett, James H. Deming and R. E. O'Keeffe.

Drobka said the directors will look into possible lines of business for the company to purchase. The company has received 50 or 60 inquiries about leasing space in its plant for warehousing and processing meat products, he said. The firm discontinued hog slaughtering last month.

## PERSONALITIES

## and Events

OF THE WEEK

►Don Smith, formerly advertising and sales promotion manager of Wilson & Co., Chicago, has been appointed to the newly-created position of special sales representative for the *American Family* magazine, Chicago. He will assume his new duties February 1.

►The next annual dinner and dance of the Meat Trade Institute, Inc., New York City, will be held at 8 p.m. Saturday, February 20. Representatives of firms in allied industries servicing the meat industry will be welcome. Members of the dinner dance committee are: John Krauss, chairman (ex officio), Paul J. Arneth, Andrew J. Deile, Harry White, jr., Frank D. Orzechowski, Max Ramelmeier and Frederick H. Buchholz.

►John J. Rafter has been appointed assistant sales manager of Home Packing Co., Terre Haute, Ind. He will serve as assistant to J. C. McLaughlin, sales manager. Rafter has been with the Home Packing Co. for 17 years.

►John Killick, NIMPA executive secretary, reports that plans for the June convention in Chicago's Palmer House are progressing satisfactorily and that details about convention activities will be mailed to members and suppliers shortly. He was in Chicago this week to expedite convention planning.

►Samuel Chapman, 60, a director and sales manager of the Cee Bee Packing Co., Chicago, died this week of a heart attack. A veteran in the meat boning business, Chapman was one of the organizers of the Lincoln Meat Co., Chicago. He also founded the Empire Packing Co., which ceased operations in 1947. The Cee Bee Packing Co. was organized at that time and began operations in the former Empire plant.

►Vancouver's first meat show is scheduled for January 25 and 26 in the Peter Pan Ballroom. Meat packing and retail representatives, livestock experts, home economists and consumer groups have arranged the event.

►J. A. (Tony) Nemetz, a salesman for John Morrell & Co., has been appointed to the Civil Service Commission of Pine Bluff, Ark.

►Wallace Potts of Potts, Watkins, livestock order buyers of National



HUGE NEW SIGN of the Albany division, Tobin Packing Co., Inc., Albany, N. Y., reportedly is the largest neon sign between New York City and Buffalo. Measuring 109 x 31 ft., it can be seen by train riders of the New York Central Railroad and by motorists on the main East-West highway. Wilson C. Codling, vice president and general manager, was first to turn on the lights.



Stock Yards, Ill., recently returned from a long stay in Florida. Murray Watkins has left for a South American cruise and will be gone for two or three months.

►John Lindquist, vice president of the Packing House By-Products Co., Chicago, died this week at the age of 35. He had been ill since October. Lindquist joined the firm as a hide inspector in December, 1942, then became a hide salesman, and was named vice president when the company was incorporated in 1947. He is survived by his widow and three children.

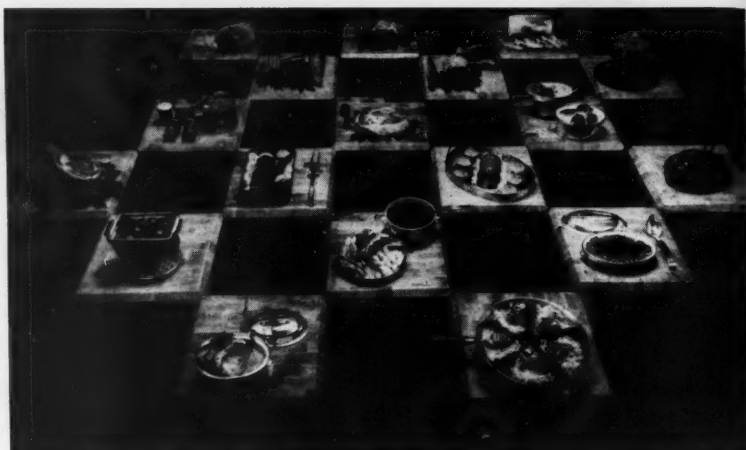
►Robert Herbison recently was appointed plant superintendent at Wm. Davies Co., Chicago. A graduate in business administration from Northwestern University, Herbison has been with Davies for the past seven years. Upon graduation from college, he began working for the firm in a clerical capacity and then held various supervisory positions



R. HERBISON

prior to his recent promotion. He has instituted regular training sessions for foremen.

►Herman Zimmerly, last of the Zimmerly brothers who began peddling their home-made frankfurters and other sausage products by horse



ECONOMY GOURMET DISHES such as these chosen by Philippe of New York's Waldorf-Astoria can be prepared by any good cook from low-cost cuts, says Look Magazine in a four-page food feature that gives some meat cooking tips. The article, "Is This the Protein Age?" which tells the importance of proteins in modern life, appears in the issue on the newsstands January 26. In connection with the feature, the magazine is conducting a related foods promotion with more than 12,000 participants. Armour Star Beef Stew is one of ten nationally-advertised products tied in with the promotion.

and wagon in Akron in 1894, died recently at the age of 85. Zimmerly and his brothers, John, Jacob and Gottlieb, built a packinghouse on the outskirts of Akron in 1904 and moved their retail store there in 1920. The business was sold six years ago.

►Samuel, Harry, Morris and Joseph Shipon now are the sole owners and operators of the Eastern Boneless Beef

Co. at 454-48 North American st., Philadelphia, according to an application filed with the courts for a certificate for the conduct of the business.

►The only way cattlemen will be able to whip their price plight is by greater salesmanship of meat products throughout the country, I. E. Ericson, manager of the Scottsbluff (Neb.) plant of Swift & Company, emphasized in a talk before the Scottsbluff Cosmopolitan Club. He said more meat consumption will be accomplished by better advertising, more store displays and greater sales techniques.

►Fire recently destroyed the Bull Run Packing Co., West Mifflin, Pa., owned by Jack McClure and George Branic. The loss was estimated at \$25,000.

►Joe Gibson, recently named to the board of directors of The Rath Packing Co., Waterloo, Iowa, also was appointed to the newly-created office of vice president in charge of finance.

►The "American Beauties" float of Peyton Packing Co. won third place in the three-mile long Sun Carnival Parade in El Paso, Tex. The white float was sprinkled with thousands of small American Beauty roses along with several large roses and one giant rose made of wire and plaster of paris.

►The Tekamah Co-operative Creamery Co., Tekamah, Neb., has purchased the interests of the Tunberg Cold Storage Co. and will remodel and expand the present ice plant into a modern meat processing plant, Jay Wade, manager, announced. He said the plant will be in operation by February 1, serving locker patrons and home freezer owners.

►Ed Gray, owner of the Gray Wholesale Meat Co., Prattville, Ala., was installed recently as president of the Prattville Kiwanis Club.



BRILLIANTLY-LIGHTED NATIVITY SCENE in front of the Jackson Packing Co., Jackson, Miss., attracted more than 50,000 spectators during the holidays, according to John H. Boman, company president. Figures were life size and painted in Oriental colors. Christmas carols also were played for the enjoyment of guests. Visitors were invited by the company through its radio and television programs and newspaper advertisements.



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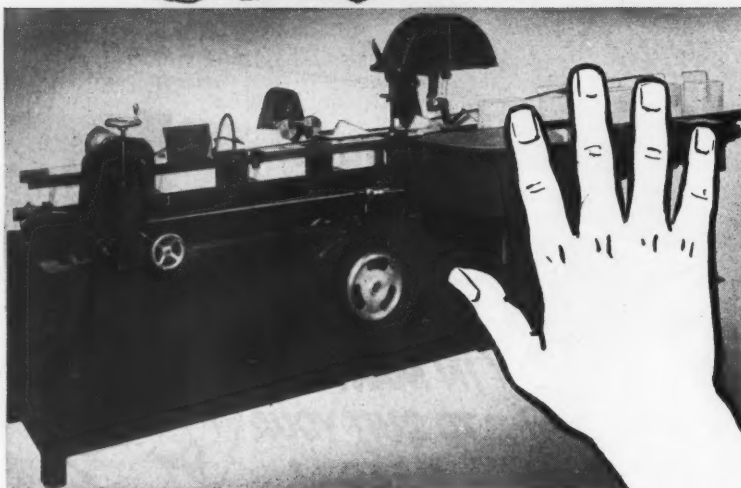
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## Peters Packaging Idea ...



## Here's a packaging machine 'Manufacturer X' wants to keep for himself!

'Manufacturer X' recently purchased a new Model CCY Peters Carton Folding and Closing machine. He is using it in a packaging operation which was previously impractical.

Recently we asked him if we could talk about his example of success with this Peters machine. His answer was, "We'd rather you wouldn't. We don't want to deliberately give away our 'discovery' to competitors."

We still cannot say here who this manufacturer is, but we can say this: His experience can be yours. It certainly pays to investigate this high speed Model CCY Peters Packaging Machine for folding and closing hinged, top-opening cartons.

*Write, wire or call for all the facts. Do so soon.*

# Peters MACHINERY COMPANY

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## World Food Supplies Are at Record Level

World supplies of some agricultural commodities are now at record heights and a smaller portion of food and fiber is moving in international trade than in recent years, the U. S. Department of Agriculture said in announcing release of an annual summary entitled "World Agricultural Situation, 1953-54."

The summary, prepared by the Foreign Agricultural Service, finds this to be the sixth consecutive year in which world agricultural production has been above the immediate prewar years. It concludes that the world's increasing population is eating about as well today as it did immediately before the war.

The upward trend in world agricultural production, clearly evident since the end of the war, now appears to be levelling off and per capita consumption is close to that of prewar, the summary notes.

Production of meat, animal fats, rice, sugar and citrus is at an all-time high. Production is high, though not record-breaking, for wheat, potatoes, beans and peas, edible vegetable oils and dairy products. Those major commodities that make up 80 per cent of all foods consumed are being produced at a level slightly higher than last year and 10 per cent above prewar. However, the number of persons to be fed and clothed also has increased about 15 per cent.

## NIMPA Meeting 'Deep in The Heart of' — Arkansas

For the first time in its history, the NIMPA Southwestern Division annual meeting will be moved out of Texas to Little Rock, Ark., February 5.

Chris Finkbeiner, president of Little Rock Packing Co., is vice president of the division, which includes West Tennessee, Arkansas, Texas, Louisiana, Oklahoma and New Mexico.

## Beef Cut Unspoiled After 80-Year Wait for Pickup

An order of roast beef that a customer failed to call for in 1874 still hangs in a butcher shop in Banbury, England, shrunken from its original 13½ lbs. but unspoiled.

Edwin Walker, whose predecessors took the 1874 order, said he couldn't think of throwing the aged beef away. The meat has become as much a landmark as the town's hot cross buns.

## Steer Is No. 50,000,000

The Oklahoma National Stockyards Co., received its 50,000,000 animal recently with a brief ceremony and gifts for the steer's owner, Jack Haley of Roosevelt, Okla. The animal was sold in a special auction sale in front of the yards exchange building with a large crowd in attendance. Opened on October 1, 1910, this is the 40th year of the Oklahoma Yards operation.



## Private Truck Owners To Convene Thursday

Ohio State Senator J. Eugene Simpson will speak on the effects of the Ohio axle mile tax law on private truck owners, during the 15th annual meeting of the Private Truck Council of America, Inc., (formerly the National Council of Private Motor Truck Owners, Inc.), to be held next Thursday and Friday, January 28 and 29, at the Conrad Hilton Hotel, Chicago.

Simpson's talk will be a highlight of the business session on Friday morning.

Dr. R. E. Wilson, chairman of the board, Standard Oil Company (Indiana), will be the principal speaker at the opening luncheon Thursday. His subject will be "Strategy For True Liberals." Clem D. Johnston, vice president of the Chamber of Commerce of the United States and national PAR chairman, will speak on "The Highways We Need" at the closing luncheon on Friday.

The annual meeting officially opens Thursday morning with the workshop forum when the chairmen of the council's committees will report and policies for the year will be determined.

The Thursday afternoon session will be devoted to "Public Relations for Private Truck Operators" led by Henry Rowold, chairman of the Council's public relations committee, and A. G. Crockett, director of public relations, Mack Motor Truck Corp. Another feature of that afternoon session will be a discussion of so-called "Piggy Back" service and what it means to private truck operators.

Robert Cass, assistant to the president, White Motor Co., Cleveland will be the moderator of the panel "Manufacturer Meets Consumer" which will precede Simpson's talk.

A "first" in Council history will be a pre-convention meeting of its state representatives and alternates at 8 p.m. Wednesday at the hotel. State issues facing private trucking this year will be discussed by Russell E. MacCleery, states services manager of the National Highway Users Conference.

## CSS to Open Commodity Office in Cincinnati

A Commodity Stabilization Service commodity office will be opened February 15 at 1010 Broadway, Cincinnati, Ohio, the USDA has announced.

The new commodity office will have full responsibility for all CSS field activities in connection with processed agricultural commodities, except processed commodities handled in the area covered by the Portland (Ore.) CSS commodity office.

Livestock products are among the principal commodities involved.

•From 1950 through 1952, the United States exported 84.8 per cent of the world's lard, while Cuba imported the biggest amount—22.5 per cent.

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... but there's a Rhinelander paper for packaging every cut of pork

Pork presents a difficult packaging problem. Whether bacon, chops, loin, sausage or ham, it requires a supergreaseproof type of package. And Rhinelander makes papers to package them all. Tight, dense papers that hold grease in, preserve flavor, and present a neat, sanitary appearance.

If you package meat or foods with a fat, oil, or shortening content, you can do it more economically and effectively with Rhinelander glassine and greaseproof ... the functional protective packaging papers.



Rhinelander papers come in a variety of standard grades, or they can be tailor-made to fit your needs. Write for samples, stating your application.

## Glassine and Greaseproof Papers...

plain, waxed, wax laminated, or coated ... are used for inner and outer product wraps • product bags and envelopes • insert labels • for laminating to other packaging materials like foil, boxboard and films • packaging accessories, and scores of other applications in the food packaging industry where greaseproof qualities are essential.

Protective Paper ... Consistently Good  
... for Economical Packaging

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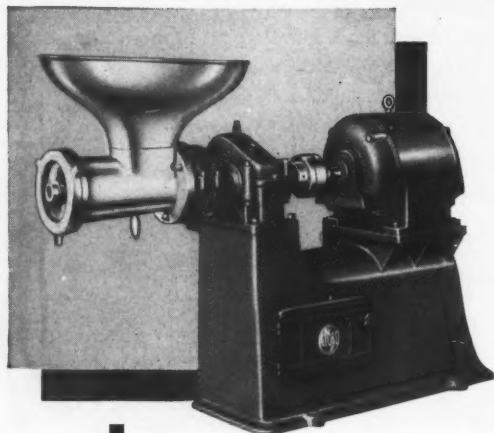
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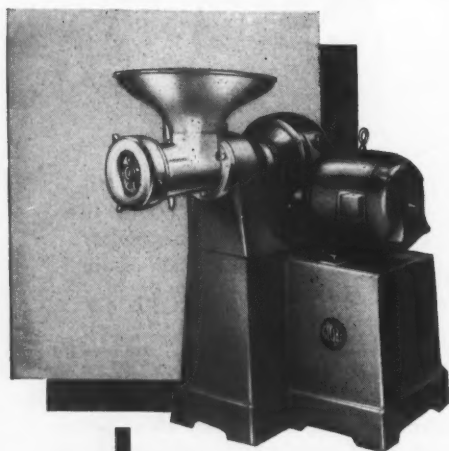


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# ALPHABETICAL INDEX TO VOLUME 129

## THE NATIONAL PROVISIONER

COVERING ALL ISSUES FROM JULY 4 TO DECEMBER 26, 1953, INCLUSIVE

This index lists alphabetically principal articles and items which have appeared during the past six months. Market and statistical information appearing regularly, but not indexed, includes the following: Livestock Market Receipts and Prices, Packers' Livestock Purchases, Slaughter Reports, Weekly Hog Cut-Out Tests, Provision and Lard Market Reviews, United States, AMI and Chicago Cold Storage Stocks Reports, Tallow and Grease Market Reviews, Rendering Material and Fertilizer Markets, By-Product Charts and Prices, Vegetable Oil Market Reviews and Charts, Hide and Skin Market Reviews and Charts and current news of the various fields covered. Important ruling and actions of the Meat Inspection Division, Interstate

Commerce Commission, Federal Trade Commission and other government agencies are indexed.

Included as a regular feature of each weekly issue, but not indexed, is the USDA estimate on federally inspected meat production.

Proceedings of the annual AMI convention are also indexed.

Departmental or other features appearing at regular intervals include Plant Operation and Maintenance, Rendering and By-Products, Meat Plant Refrigeration, Canned Meat Processing, Merchandising Trends and Ideas, New Equipment and Supplies, Motor Transport and Up and Down the Meat Trail.

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 McCullum, W. W.: Appointed Vice President of Finance at Oscar Mayer, p. 27, July 18; Succeeds Foster as President of Morrell, p. 37, Dec. 5.  
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 National Agricultural Advisory Committee: To Make Specific Recommendations on Price Supports, p. 22, July 18; Advises Benson on Farm Policy, p. 20, July 25.  
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 National Association of Hotel and Restaurant Meat Purveyors: To Meet in Chicago October 12 to 13, p. 10, Sept. 19; Discusses Sales and Methods at Convention, p. 8, Oct. 24; Officers Named, p. 9, Oct. 24; New York Branch Elects Schweitzer President, p. 23, Nov. 28.  
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 National Association of Retail Meat and Food Dealers: Meat Merchandising in Convention Topic, p. 20, July 25; Hears that Housewives Enjoy Retail Meat Dealers Service, p. 34, Aug. 15; Takes Stand Against Farm Controls, p. 29, Sept. 5; Welcomes Price Spread Inquiry, p. 14, Oct. 24.  
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 National Independent Meat Packers Association: Sets Date for Central Division Meeting, p. 25, July 4; Chairman Broecker Calls Board Meeting, p. 8, Sept. 19; Schedules Three Divisional Meetings, p. 14, Sept. 19; Accepts Resignation of C. B. Helmsman and Frank Helmsmann, p. 59, Sept. 26; Eastern Division Meeting, p. 10, Oct. 10; Says Benson Program Sound, p. 7, Oct. 24; Releases Membership Figures, p. 14, Oct. 24; To Hold Board Meeting, p. 24, Oct. 31; Names John A. Killick Executive Secretary, p. 53, Nov. 14; Elects Frank Thompson as Regional Vice President, p. 33, Nov. 21; To Discuss the Profit and Accounting Improvements Possible, p. 29, Dec. 5; Discusses Ways to Improve Profits, p. 24, Dec. 19; Holds Regional Meeting in Chicago, Elects Thompson Head Central Division, p. 35, Dec. 19.  
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 National Kraut and Frankfurter Week: Offers Tie-in Opportunities to Meat Packers, p. 23, Dec. 19.  
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Riddell, R. J.: Sees Better Days Ahead for Cattle-men, p. 25, Nov. 7.

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Roselein Provision Co.: Court Rules Carrier Not Liable for Flood Loss, p. 17, July 25; Buys Berry Packing Plant, p. 17, Aug. 20.

Rogers, R. E.: Heads Swift's General Associated Plant Sales Department, p. 17, Oct. 10.

Roper, Elmer: To Give Candid Report on Public Reaction to Meat Industry, p. 8, Sept. 19; Discusses Public Opinion Toward Industry, p. 250, Oct. 17.

Russell Packing Co.: Elects Dower Chairman and Dust President, p. 20, Oct. 24; Finds New Way to Set Lard Color, p. 20, Dec. 5; Tests Sensing Element for Rendering Lard, p. 21, Dec. 19.

Russala: Signs Trade Pact with Argentina, p. 23, Aug. 22; Produces Less Meat than U. S., p. 33, Sept. 12.

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Sandly: Gives Selling Tips, p. 15, July 11; Articles Reprinted for Sale, p. 17, July 11; Gives More Selling Tips Based on Experience, p. 17, Aug. 22; Two Booklets Available, p. 50, Nov. 7.

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Schmidt Provision Co.: Adopts New Bacon Package, p. 34, Nov. 21.

Schoepfer, George J.: To Speak at AMI Meeting on Sausage Problem, p. 25, Aug. 8; Says Anaerobic Digestion Holds Promise, p. 121, Oct. 17.

Schweigert, Dr. B. S.: Discusses Value of Research, p. 15, Oct. 17.

Schweitzer, Nathan: Named President of New York City Purveyors, p. 23, Nov. 28.

Scotlo Provision Co.: Starts Expansion Program, p. 20, Oct. 24.

Scott, A. L.: Swift Employed for Forty Years, p. 25, Aug. 22.

Scott, Claude A.: Heads Morrell Central Sales Division, p. 17, Aug. 20.

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Security, Social: Not Insurance Says Representative Curtis, p. 22, Dec. 5.

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Shapiro, Inc., K.: Opens Newly Designed Sheep and Calf Kill Operations, p. 13, July 25.

Shore's Abuttol: Patents and Uses New Lard Machine, p. 39, Nov. 14.

Sheep: Disease Affecting Throat is Identified, No Vaccine Available, p. 53, July 11; New Shapiro Kill Operation, p. 13, July 25.

Sheboygan Sausage Co., Inc.: Expands and Re-models Sausage Kitchen, p. 12, July 11.

Sierra Meat Co.: Adds New Coolers; Plans Jobbing Unit, p. 23, July 25.

Signs, Road: How Good are Your Displays?, p. 17, Nov. 21.

Silbert, Dr. Leonard S.: Awarded Scholarship in Research for New Uses of Tallow and Greases, p. 27, July 18.

Simms, Dr. B. T.: Calles Brucellosis Conference, p. 8, Sept. 19.

Simons, Paul: Proposes Single Standard for Hides, p. 15, Aug. 15.

Slattery, Herbert, Jr.: Named Plant Manager at East Tennessee Packing Co., p. 21, Aug. 1.

Sligh, Charles R.: National Association of Manufacturers President Sees No Recession, p. 11, Oct. 31.

Slotkowski Sausage Co.: Merchandises Polish Sausage in 1-b. Units for Self-service Selling, p. 18, July 4.

Small Business Administration: To Encourage Private Lending Pools, p. 11, Aug. 15; To Charge Six Per Cent on Direct Loans, p. 14, Oct. 5; Won't Compete with Banks in Loans, p. 27, Nov. 14; Barnes Acting Head, p. 43, Nov. 14; List's Guides to Loan Eligibility, p. 35, Dec. 12.

Small Business Committee: May Investigate Supermarket Meat Buying, p. 20, July 25.

Small Defense Plants Administration: Extended for One Month Only, p. 11, July 4; Issues New Booklet on Materials Handling, p. 26, Aug. 1.

Smith, Don: Retires as Wilson & Co. Ad Director, p. 23, Oct. 3.

Smith, Sen. Margaret Chase: Out on Limb About Meat, p. 25, Oct. 31.

Smith's Sons Co., John E.: Develops Safety Display Signs, p. 25, July 4.

Smugglers: Federal Disincentives Mexican Border Smuggling, p. 19, Aug. 1.

Sno-Gel: New Chemical Ice Used in Shipping Meat, p. 17, Aug. 15.

Soap: Renderers Boost Sales by Supplying Rubbing Stamp, p. 14, Sept. 19.

South Carolina: To Build Livestock Disease Research Laboratory, p. 41, Sept. 5.

Soybean: U. S. Predicts Good Price for Oil, p. 44, Sept. 12; Exports Up, Oil Exports Down, p. 44, Sept. 12.

Specht, F. W.: To Address Meat Canners on Merchandising, p. 17, July 25; Says Canned Meats Future Bright, p. 15, Sept. 19.

Spices: Effective Purchasing, p. 13, Aug. 20.

Sprinkled Stockyards: Suffers from \$350,000 Fire, p. 30, Nov. 28.

South Chicago Packing Co.: Buys Wilson & Co. Branch House, p. 17, Oct. 10.

Stages, Reba: Tells Home Ec Educators that Packaged Meat Should be Encouraged before Storage, p. 25, July 18.

Stanny-Morris-Livingston Co.: Finds Profits in Meat Cuts, p. 15, Oct. 10.

Stark, Wetzel & Co.: Purchases Armour's Indianapolis Plant, p. 15, Aug. 15; Uses Pre-Sealed Leaf Casings, p. 14, Sept. 19.

Steele, B. E.: Discusses Labor Expense Controls, p. 228, Oct. 17.

Stepp, H. E.: Armour New York District Manager, p. 22, Oct. 17.

Sterilization: Hentless Cathode Ray Provides Extended Shelf Life for Packaged Meats, p. 8, Aug. 29.

Stewart, Homer B.: Named General Manager of Armour North Platte Plant, p. 21, Oct. 31.

Stock Yards: Packing Co.: Breaks Ground for New Plant, p. 21, July 4.

Storage: New Ideas in Building, p. 127, Oct. 17.

Studley, R. A.: Asks of Possibility of "Future" Market for Carcass Beef, p. 20, Sept. 12.

Surgadale Provision Co.: Enlarges and Modernizes Plant, p. 17, Aug. 29; Expands on Two Fronts, p. 80, Sept. 26.

Suits, Electric: Keep Truck Operators Warm, p. 35, Nov. 14.

Sunnyside Packing Co.: Opens Broader Markets by Adopting New Trade Name, p. 12, Aug. 8.

Supermarkets: Senate May Investigate Meat Buying, p. 20, July 25.

Suppliers, Flashes on: p. 40, July 11; p. 25, July 25; p. 26, Aug. 8; p. 30, Aug. 22; p. 29, Sept. 5; p. 22, Sept. 19; p. 30, Sept. 26; p. 59, Nov. 14; p. 30, Nov. 28; p. 40, Dec. 5; p. 15, Dec. 26.

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Swift & Company: Discusses Wage Increase, Health and Welfare Benefits, p. 11, July 4; Refuses to Meet Unions in Joint Wage Talks, p. 11, July 11; Constructing New Branch House in Charleston, p. 24, July 11; Announces Swift Photographer to Take Pictures of Scouts, p. 25, July 11; Asked for Hospital Plan by UPWA, p. 11, July 25; Furnishes all Fresh Meat for Scout Jamboree, p. 16, July 25; Produces Film on Better Nutrition in Collaboration with Harvard School of Public Health, p. 27, July 25; Nathan Swift Dies in Auto Accident, p. 19, Aug. 8; Sponsors Joint Promotion with Nebraska Consolidated Mills Co., p. 23, Aug. 8; Petty to Supervise Pork Operations, p. 23, Aug. 15; Plans New Plant at Jackson, p. 27, Aug. 15; Promotes Economy Beef, p. 33, Aug. 15; Scott, Beef Department Head, Checks Up Forty Years of Service, p. 25, Aug. 22; New Agreement on Hospitalization with Union, p. 7, Aug. 29; To Televis Swift'ing, p. 16, Sept. 5; Officials Arrive in Honolulu to Attend Meeting, p. 22, Sept. 5; Unions Call Conference of Swift Locals, p. 11, Sept. 12; To Promote "Kraut, Pork'n'Apple Dinner Season," p. 15, Sept. 12; Resumes Wage Talks with Unions, p. 7, Sept. 19; Threatened with Nationwide Strike, p. 59, Sept. 26; Economist Sees Prosperity into 1954, p. 64, Sept. 26; Unions Reject Offer, Threatens Strike, p. 64, Sept. 26; Uses Message Repeater for Pushing Specials, p. 68, Sept. 26; Streamlines Sales Efforts, Promotes Townley, Rogers, Miller and Stoelber, p. 17, Oct. 10; Charges Procter & Gamble with Patent Infringement, p. 14, Oct. 24; Feels Newspapers Still Potent Advertising Media, p. 27, Nov. 7; Boosts Fresh Pork Sausage During Football Season, p. 73, Nov. 14; Nutrition Film Stresses Meat or Babies, p. 24, Dec. 5; Government Postpones Anti-trust Suit, p. 18, Dec. 19; Profits Up, Sales Reach Peak, p. 20, Dec. 19; Features Pard Dog Food on Kukla, Fran and Ollie TV Show, p. 14, Dec. 26.

Swift-Canadian Co., Ltd.: President Says Intense

Competition Exists in Canadian Meat Industry, p. 20, July 25.

Swift, Nathan: Swift & Company Vice President of Pork Operations Dies in Auto Accident, p. 19, Aug. 8.

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## Accident Frequency Rates Still Going Down for Safety Contest Packers

Improvement in the safety record of meat packers participating in the National Safety Council contest continued upward during November. In this, the fifth month of the contest year, 48 per cent of the participants had perfect no accident safety records.

The plants with the greatest number of perfect no accident man hours worked in this month were: Kingan, Inc., Indianapolis; Swift Canadian Company, Ltd., Toronto, and Cudahy Brothers Co., Cudahy, Wis. The average frequency rate during November was 7.81, down 25 per cent from the previous month of October, and down 22 per cent from October, 1952.

The cumulative frequency rate for the five-month period was 9.42, down 12 per cent for a like period last year.

In Division I, Group A, the cumulative five month rate was 9.34, down slightly from the four month average. Leaders in this large slaughterer and meat packer group were: Swift & Company, Fort Worth, with a five month frequency rate of 0.86; Kingan, Inc., Indianapolis, with 8.21, and Swift's

Omaha plant with a rate of 2.88.

In Division I, Group B, the medium sized slaughterers and meat packers, the average for the five-month period was 8.57, again down slightly from the four-month average. Leaders were Iowa Packing Co., Des Moines, with 0.99, followed by the Los Angeles plant with 1.52 and the Oklahoma City plant with 2.36, both of Wilson & Co., Inc.

In Division I, Group C, the smaller slaughterers and meat packers, the five month cumulative frequency average of 10.26 again reflected a slight drop from the four month average. The November frequency rate, at 4.69, was less than one half of the October frequency of 11.46. There were seven plants in this group which had perfect no accident records for the five month period. They were Swift plants at San Antonio, Scottsbluff, Neb.; Marshalltown and Perry, Iowa, and at Spokane; and Corkran, Hill & Co., Inc., Baltimore, and Plankinton Packing Co., Menominee, Mich.

In Division II, the processing and manufacturing units, the five month frequency rate was 13.53. The Rath Packing Co., Dallas Branch, and Quaker Oats Co., Joplin, Mo., had perfect no accident records.

## State Urged to Use U.S. Meat Grading Standards

Use of federal meat grading standards in state meat inspection and more consumer education were recommended at the recent Oregon State College livestock and meat marketing conference in Corvallis.

The two-day meeting was attended by representatives of packers, producers, retailers, labor and consumers. A consumer spokesman from Portland said women recognize the need for more information. Her report urged an educational program on inspection, grading, sanitation, nutrition and cooking methods.

A college survey of 1,225 consumers in seven Oregon cities showed that 54 per cent were unable to identify the different cuts of meat, and 98 per cent thought cut labeling was helpful.

## New Benson Assistant

Appointment of Robert D. McMillen as assistant to the secretary on special assignments has been announced by Secretary of Agriculture Ezra Taft Benson. McMillen, has been Washington editor of the *Farm Journal* since 1939.



## B&D's packer-approved line-up of cost-cutting machines ... designed and built to process **YOUR** meats faster, better, at less cost!

- Combination Rumpbone Saw & Carcass Splitter
- Beef Breast Bone Opener
- Primal Cut Saw
- Cattle Dehorning Saw
- Beef Scribe Saw
- Beef Rib Blocker
- Ham Marking Saw
- Pork Scribe Saw
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- Utility Saw

Always Invest in the Best... Buy Only B & D Machines



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• More "beefiness" for "beef" products? Then do as leading makers of bouillon cubes and gravy bases do—add *more* rich braised beef goodness with Huron HVP. This natural product made from wheat gives—and extends—beef flavor to any prepared or processed food product. Comes in a number of forms to meet any manufacturing need. Huron's Technical Service will gladly help you use HVP to your sales advantage. Huron Milling Co., 9 Park Place, New York City 7.

## HURON HVP

HYDROLYZED VEGETABLE PROTEINS

The flavor of meat from wheat

## The Case of the Contented Packer

BY HOWE... THE WORLD'S CHILLER

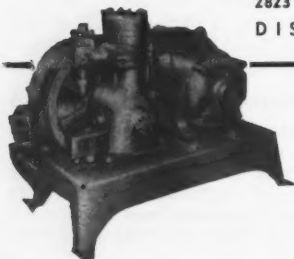
John Q. Packer was pleased with his old refrigeration system. Been giving him pretty good service... off and on. Of course, the cost of operating it was going up, but what expense wasn't? Had some downtime lately, but then you have to expect that, too!

Then one day, a Howe "private eye" detected the trap that "J. Q." was walking into, and pointed out those unseen losses that were robbing him of his real profits. He showed him how to cut the risk of spoilage, assure better production, keep his products at their perfection peak. By providing exact temperature and humidity control at *all* times with Howe tested equipment, "J. Q." soon realized his obsolete, inefficient system had been robbing him *cold*.

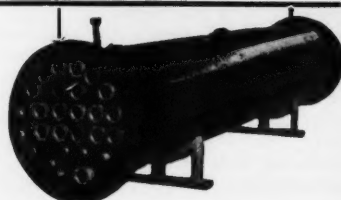
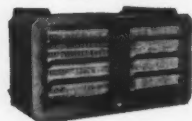
He also realized that his new Howe kept running longer, with less trouble. "They're designed for that from the start, backed by 42 years' specialization," said the "private eye," departing for his next case.

## HOWE ICE MACHINE CO.

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CONSULT HOWE on all your refrigeration problems. Since 1912 manufacturers of ammonia compressors, condensers, coolers, fin coils, locker freezing units, air conditioning (cooling) equipment. Immediate delivery!





# PLANT OPERATIONS

## IDEAS FOR OPERATING MEN

### Dry Cure Fancy Bacon in Three Days

A new cure is reported to permit the dry curing of fancy bacon in a three day period with conventional hand rubbing and loose stacking of the bellies in the curing cellar. The same cure also can be used to cure bellies in the conventional bacon box technique, it was disclosed.

Test lots of the bellies have been cured out as long as 21 days with good results. The new cure, developed by H. J. Mayer & Sons Co., Inc., Chicago, is available with or without an ascorbic acid additive, company officials announced.

The new cure is claimed to give products even coloring and enhance the shelf life of sliced product displayed in conventional cases. Samples of the product out of cure on September 19, 1953, were examined on November 23, 1953. The meat had excellent and even color through the whole face of the slab. There was no reported graying of the fat nor darkening of the red. The taste of the cured bacon, eaten as such, was said to be mild and sweet. Product was stored for the period in a cooler held at 38° F.

A northwestern meat packer who has tested the new three day cure states the results of small scale tests have been most satisfactory. In the technique recommended by the Mayer organization, the following ingredients are used

to cure out 100 lbs. of green bellies:

2 pounds of the new cure

2 pounds of salt.

Mayer has conducted extensive tests to determine what quantity of ascorbic acid will impart the best color to cured bacon and this quantity is contained in the new ascorbic pre-seasoned cures. The ascorbic acid gives a better color and retains it longer than the cure minus the ascorbic acid.

After the bellies are dry rubbed and loosely stacked in curing cellar in the 38 to 42° F. temperature range for three days, product is washed, treed and moved into a smokehouse. Smoking techniques vary with individual packers but the Mayer's procedure is to hold for five hours at 150° F. or until bacon reaches an internal temperature of 128° F., without smoke. Smoking is then started and the heat turned off for eight hours. The degree of smoke will be governed by the preference of the packers' customers. After the 8-hour period the smokehouse temperature will be down to 110 to 120° F.

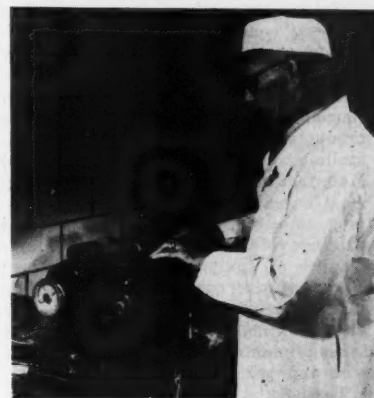
Yield of the product in terms of green weight is stated to be 90 plus. According to Mayer, the new curing compound without ascorbic acid has been approved by the MID and the ascorbic acid curing compound currently is undergoing examination for MID approval.



SHOWN EXAMINING A FEW of the test lot sample slabs of bacon treated with new cure are: Frank A. Mayer, vice president; Charles F. Mayer, president; Ivan G. Potts, general sales manager, and Thomas Osberger, chief chemist.

### Grinds, Hones Knives At Same Time

David J. Thomasma, senior partner of Thomasma Brothers, meat processors of Grand Rapids, Mich., is shown here sharpening some of the firm's 275 knives and cleavers on a new machine developed by Atlas Press Co., Kalamazoo. The machine, known as No. 2400 Grinder-Hone, is unique in that it has a sandwich-type oilstone which rotates at 110 rpm. as well as



a standard grinding wheel which turns at 3,000 rpm. Thus it hones and grinds at the same time. Differential speeds are obtained through the use of a specially developed worm and worm gear spindle design.

During 50 years in the meat industry, Thomasma has sharpened hundreds of thousands of knives, and he reports that the honing feature of the new sharpener makes it possible to do a good job in much less than the usual time. Because the knives are given a finer edge, they are said to cut cleaner, need resharpening less often.

The Grinder-Hone is equipped with a 5-in. diameter reversible stone which is 120 grit on one side for whetting, and 320 grit on the other for final honing. The 6-in. diameter grinding wheel is general utility, medium grit aluminum oxide. The grindstone spindle has shielded and sealed ball bearings, while the oilstone spindle turns on Oilite bearings. The compact unit is 8x10½x9-in. deep and weighs only 22 lbs.

### Small Sausage Plant Study

A step by step study of the procedure of setting up and operating a small sausage department in connection with a frozen food locker plant has just been published by the Farm Credit Administration.

The 60-page booklet by C. G. Randall—titled "Producing and Merchandising Sausage in Small Plants"—is the result of establishment and operation of a pilot sausage department in the Prairie Packing Company at Marion, Ill., a farmers' cooperative.

Before the pilot project was set up



the FCA and Illinois Cooperative Locker Service made a survey to find a locker plant at which it would be advantageous to add a sausage division. Factors considered included: (a) Space available; (b) Smokehouse facilities; (c) Adequacy of cooler space; (d) Adequacy of refrigerations; (e) Boiler capacity to carry peak loads; (f) Slaughtering facilities and availability of livestock; (g) Potential sales territory.

The study also discusses and reports experience in:

Establishing the plant, including training competent personnel (an operator was trained in three months by an experienced sausage maker); Determining the size and kind of equipment; Remodeling the facilities; Choosing the products and setting up formulas; Installing equipment; Cost of plant; Manufacturing operations, including meat selection, grinding, mixing, chopping, stuffing, smoking, cooking and chilling; Manufacturing yields; Maintenance of equipment; Merchandising; Manufacturing costs; Operating results.

An appendix contains formulas for about 20 kinds of sausage and a list of sausage plant machinery and equipment with approximate costs.

The booklet can be obtained from the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. for 25c.

•Barbs from spear grass can puncture a sheep's skin and damage its carcass.

## Sell Safety With Slogan on Work Gloves

A major factor in promoting safety within the plant is keeping employee interest at a high level. To this end, various promotional media such as



plant safety posters and department safety records are being used. Added to these tools are new work gloves, recently introduced, that have safety slogans printed on them. Offered in all types of cotton and leather, the gloves are made by Fairfield Glove Co., Fairfield, Ia.

Some of the slogans already in use are: "Be Careful—Live Longer!"

"Ouch! It's Hot"; "Think First"; "Protection Pays," and "Don't Be Sorry—Be Safe!" Other slogans are also available which offer thoughts on maintenance, housekeeping, economy of materials and good workmanship.

The new gloves have the advantage of keeping a safety message constantly before the workers who wear them.

## Only Slight Meat Rise Seen for Latin-America

Latin-American meat producing countries expect only modest increases in their production in the immediate future, according to estimates by the United Nations Food and Agriculture Organization.

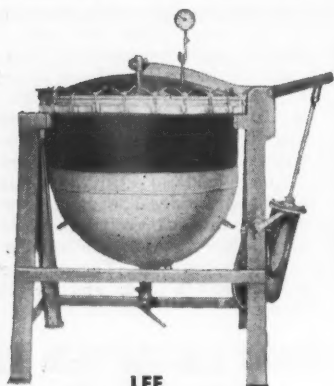
A 12 per cent rise is expected in meat production by 1956-57 but this increase is regarded as "still limited" and will mean only slight improvement over recent poor records, the FAO said. Attainment of expected rates will depend upon recovery of livestock production in Argentina, Brazil, Mexico and Uruguay as well as on expansions contemplated in Colombia, Peru and Chile.

## V-E Bans Lifted in Two States

The U. S. Department of Agriculture has removed from vesicular exanthema quarantine four townships in Michigan, and a part of Bell county in Texas, the department has announced. The directive is effective immediately and leaves both states free of the disease.

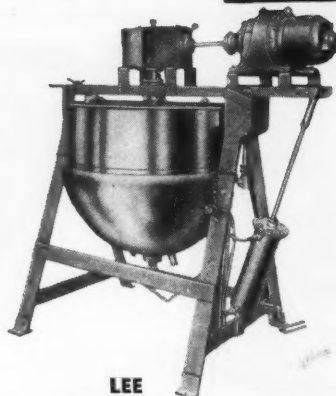
## These LEE KETTLES were especially designed for

## MEAT and POULTRY PROCESSING



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PRESSURE COOKER

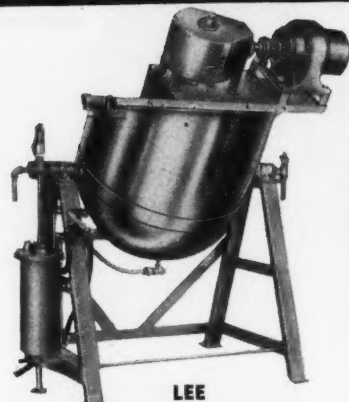
- Saves 75% of open cooking time
- Increases yield
- Assures better flavor



LEE  
DOUBLE-MOTION MIXING KETTLE

- For Gravies, Sauces and fillings
- Assures perfect mixing
- Cannot burn or scorch

Hydraulic-operated cylinders assure positive control and safe and easy operation.



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MEAT BRAZING KETTLE

- Output of 1200 lbs. per hour
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- Easily drained and dumped

Write for technical bulletins fully describing each kettle

# LEE

METAL PRODUCTS CO., INC., 450 PINE STREET, Philipsburg, Pa.



# Week's Meat Production Up Slightly; Output Continues Below Year Before

PRODUCTION of meat under federal inspection for the week ended January 16, although up slightly from the previous week, continued below that of the corresponding period of the year before for about the sixth straight

larger than that of the like period of 1953, the smallest spread between the two years in a long time. Calf slaughter was down from the week before, but stood well above that of last year. Butchering of hogs gained some, but

Butchering of calves declined to 132,000 from 157,000 the preceding week, but numbered well above the 113,000 killed in the like period of 1953. Production of veal totaled 14,300,000 lbs. as against 17,300,000 pounds the preceding week and 13,600,000 lbs. a year earlier.

Hog slaughter rose some to 1,213,000 head from 1,201,000 the week before, but ranged below the 1,513,000 killed in the same week of last year. Output of pork was up to 166,700,000 lbs. compared with 1,645,000 lbs. the previous week, but less than the 204,200,000 lbs. produced in the corresponding week of 1953. Output of lard totaled 41,200,000 lbs. compared with 42,000,000 lbs. the week before and 57,300,000 lbs. a year ago.

Sheep slaughter numbered 354,000 head compared with 306,000 the week before and with 324,000 last year. Production of the meat for the three periods was 17,000,000, 14,700,000 and 15,400,000 lbs., respectively.

## ESTIMATED FEDERALLY INSPECTED SLAUGHTER AND MEAT PRODUCTION

Week ended January 16, 1954, with comparisons

|               | Beef   |       | Veal   |       | Pork (excl. lard) |       | Lamb and Mutton |       | Total Meat |
|---------------|--------|-------|--------|-------|-------------------|-------|-----------------|-------|------------|
|               | Number | Prod. | Number | Prod. | Number            | Prod. | Number          | Prod. | Prod.      |
| Jan. 16, 1954 | 309    | 207.9 | 132    | 14.3  | 1,213             | 166.7 | 354             | 17.0  | 406        |
| Jan. 9, 1954  | 385    | 203.7 | 157    | 17.3  | 1,201             | 164.5 | 306             | 14.7  | 400        |
| Jan. 17, 1953 | 330    | 180.9 | 113    | 13.6  | 1,513             | 204.2 | 324             | 15.4  | 414        |

### AVERAGE WEIGHTS (LBS.)

|               | Cattle |         | Calves |         | Hogs |         | Sheep and Lambs |         | LARD PROD.        |
|---------------|--------|---------|--------|---------|------|---------|-----------------|---------|-------------------|
|               | Live   | Dressed | Live   | Dressed | Live | Dressed | Live            | Dressed | Per 100 lbs. mil. |
| Jan. 16, 1953 | 985    | 529     | 195    | 108     | 245  | 137     | 100             | 48      | 13.9              |
| Jan. 9, 1954  | 985    | 529     | 200    | 110     | 246  | 137     | 100             | 48      | 14.2              |
| Jan. 17, 1953 | 1,001  | 548     | 217    | 120     | 243  | 135     | 100             | 48      | 15.6              |

week. This was due mostly to the smaller number of hogs available for market compared with a year ago. Total output was estimated by the U. S. Department of Agriculture at 406,000,000 lbs. for a small increase over the 400,000,000 lbs. produced the week before, but was 2 per cent less than the 414,000,000 lbs. turned out in the corresponding 1953 week.

Slaughter of cattle, up 2 per cent over the previous week, was 19 per cent

ranged 20 per cent below last year. Slaughter of sheep and lambs was up from both the previous week and a year earlier.

Cattle slaughter numbered 399,000 head compared with 385,000 the week before and 330,000 last year. Production of beef rose slightly to 207,900,000 lbs. from 203,700,000 lbs. the previous week, but was considerably more than the 180,900,000 lbs. turned out in the same period of 1953.

## November Meat Production Below October; Above 1952

Meat production in commercial plants in the United States during November totaled 2,122,000,000 lbs., according to the Bureau of Agricultural Economics. This was about a 2 per cent decrease from the 2,175,000,000 lbs. turned out in October but was 14 per cent more than the 1,862,000,000 lbs. produced in November, 1952. These totals include also the output of meat in wholesale and retail establishments, but exclude farm slaughter.

Production of red meat in the first 11 months of 1953 aggregated 21,078,000,000 lbs. for a 10 per cent increase over the 19,184,000,000 lbs. produced in the same period of 1952. During this period, beef production was up 29 per cent, veal output up 37 per cent, mutton and lamb up 14 per cent, while the production of pork was down 11 per cent below 1952.

Beef production totaled 1,039,000,000 lbs. in November, or 9 per cent less than the 1,145,000,000 lbs. turned out in October but 35 per cent more than the 768,000,000 lbs. produced in November, 1952. Output of veal during the month totaled 135,000,000 lbs. compared with 163,000,000 lbs. in October and 105,000,000 lbs. in November of the year before.

November pork production was 890,000,000 lbs. for a 12 per cent increase over the 794,000,000 lbs. produced in October, but 5 per cent less than the 936,000,000 lbs. produced in the same month of 1952. Output of lamb and mutton totaled 58,000,000 lbs. in November as against 730,000,000 lbs. in October and 52,000,000 lbs. a year earlier.

Output of lard rose from 207,000,000 lbs. in November from 174,000,000 lbs. the month before, but lagged considerably under the 227,000,000 lbs. produced in November, 1952.

## HOG VALUES DECLINE TO THEIR LOWEST IN SEVERAL WEEKS

(Chicago costs and credits, first two days of week)

Cutting margins on hogs fell off sharply for the week as handling costs increased and pork prices declined. Light hogs not only lost all of the last week's positive margin, but were down to their lowest in weeks. Heavy hogs showed minus margins of \$2.46 to \$3.27.

This test is computed for illustrative purposes only. Each packer should figure his own test using actual costs, credits, yields and realizations. The values reported here are based on the available Chicago market figures for the first two days of the week.

| —180-220 lbs.—        |      |       |         |          | —220-240 lbs.— |      |         |          |       | —240-270 lbs.— |         |          |     |       |
|-----------------------|------|-------|---------|----------|----------------|------|---------|----------|-------|----------------|---------|----------|-----|-------|
|                       | Pct. | Price | per     | Value    |                | Pct. | Price   | per      | Value |                | Pct.    | Price    | per | Value |
|                       | live | per   | cwt.    | per      |                |      | live    | per      | per   |                |         | live     | per | per   |
|                       | wt.  | lb.   | live    | cwt.     |                |      | wt.     | lb.      | cwt.  |                |         | wt.      | lb. | cwt.  |
| Skinned hams          | 12.8 | 57.1  | \$ 7.31 | \$10.45  | 12.9           | 57.2 | \$ 7.38 | \$10.17  | 13.2  | 54.0           | \$ 7.14 | \$ 9.87  |     |       |
| Pienics               | 5.8  | 33.5  | 1.04    | 2.72     | 5.6            | 31.6 | 1.77    | 2.45     | 5.5   | 31.8           | 1.78    | 2.44     |     |       |
| Boston butts          | 4.3  | 43.4  | 1.87    | 2.66     | 4.1            | 42.9 | 1.76    | 2.48     | 4.1   | 42.9           | 1.77    | 2.44     |     |       |
| Loins (blade in)      | 10.2 | 47.7  | 4.87    | 6.97     | 9.9            | 45.4 | 4.49    | 6.30     | 9.7   | 44.9           | 4.57    | 6.14     |     |       |
| Lean cuts             | ...  | ...   | \$15.99 | \$22.81  | ...            | ...  | \$15.40 | \$21.40  | ...   | ...            | \$15.04 | \$20.89  |     |       |
| Bellies, S. P.        | 11.1 | 51.8  | 5.78    | 8.18     | 9.6            | 51.8 | 4.97    | 6.98     | 4.1   | 50.6           | 2.68    | 2.87     |     |       |
| Bellies, D. S.        | ...  | ...   | ...     | ...      | 2.1            | 28.9 | .61     | .87      | 8.6   | 28.9           | 2.50    | 3.40     |     |       |
| Fat backs             | ...  | ...   | ...     | ...      | 3.2            | 12.3 | .39     | .66      | 4.6   | 12.8           | .59     | .81      |     |       |
| Jowls                 | 1.7  | 20.1  | .34     | .50      | 1.7            | 20.1 | .34     | .50      | 1.9   | 20.1           | .36     | .54      |     |       |
| Raw leaf              | 2.3  | 14.9  | .34     | .47      | 2.2            | 14.9 | .33     | .46      | 2.2   | 14.9           | .31     | .46      |     |       |
| P. S. lard, rend. wt. | 14.9 | 14.5  | 2.16    | 3.12     | 13.5           | 14.5 | 1.96    | 2.73     | 11.1  | 14.5           | 1.61    | 2.31     |     |       |
| Fat cuts and lard     | ...  | ...   | \$ 8.59 | \$12.27  | ...            | ...  | \$ 8.00 | \$12.20  | ...   | ...            | \$ 7.39 | \$10.39  |     |       |
| Spare ribs            | 1.6  | 43.6  | .70     | 1.00     | 1.6            | 36.8 | .59     | .85      | 1.6   | 22.6           | .36     | .50      |     |       |
| Regular trimmings     | 3.3  | 24.6  | .82     | 1.16     | 3.1            | 24.6 | .76     | 1.03     | 2.9   | 24.6           | .71     | 1.01     |     |       |
| Pt. tails, neckbones  | 2.0  | ...   | .27     | .39      | 2.0            | ...  | .27     | .38      | 2.0   | ...            | .27     | .38      |     |       |
| Offal & misc.         | ...  | ...   | .70     | 1.00     | ...            | ...  | .70     | .99      | ...   | ...            | .70     | .98      |     |       |
| TOTAL YIELD           | 70.0 | ...   | \$27.07 | \$38.64  | 71.5           | ...  | \$26.32 | \$36.85  | 72.0  | ...            | \$24.47 | \$34.15  |     |       |
| & VALUE               | ...  | ...   | ...     | ...      | ...            | ...  | ...     | ...      | ...   | ...            | ...     | ...      | ... | ...   |
| Cost of hogs          | ...  | ...   | \$26.19 | Per cwt. | ...            | ...  | \$25.85 | Per cwt. | ...   | ...            | \$25.44 | Per cwt. | ... | ...   |
| Condemnation loss     | ...  | ...   | .12     | fn.      | ...            | ...  | .12     | fn.      | ...   | ...            | .12     | fn.      | ... | ...   |
| Handling and overhead | ...  | ...   | 1.70    | yield    | ...            | ...  | 1.50    | yield    | ...   | ...            | 1.37    | yield    | ... | ...   |
| TOTAL COST PER CWT.   | ...  | ...   | \$28.01 | \$40.00  | ...            | ...  | \$27.47 | \$38.42  | ...   | ...            | \$26.93 | \$37.42  |     |       |
| TOTAL VALUE           | ...  | ...   | 27.07   | 38.64    | ...            | ...  | 26.32   | 36.85    | ...   | ...            | 24.47   | 34.15    |     |       |
| Cutting margin        | ...  | ...   | -.94    | -\$1.36  | ...            | ...  | -\$1.15 | -\$1.57  | ...   | ...            | -\$2.46 | -\$3.27  |     |       |
| Margin last week      | ...  | ...   | +.32    | +.45     | ...            | ...  | -.05    | -.08     | ...   | ...            | -1.26   | -1.78    |     |       |





## Cold Storage Meat Stocks Up 21% On December 31; 26% Less Than 1952

**T**OTAL inventories of meats in cold storage on December 31 showed a sharp increase over a month earlier, while the aggregate of all meats dropped sharply from both a year earlier and the five-year average for

earlier and the five-year average of 30,851,000 lbs.

Stocks of sausage room products for the three dates and the five-year average were 14,330,000, 14,504,000, 18,647,000 and 14,040,000 lbs., respectively.

### U. S. COLD STORAGE STOCKS, DECEMBER 31, 1953

|   | Dec. 31<br>1953 | Dec. 31<br>1952 | Nov. 30<br>1953 | 5-yr. av.<br>1948-52 |
|---|-----------------|-----------------|-----------------|----------------------|
| Beef, frozen  | 244,479         | 240,168         | 197,439         | 196,116              |
| Beef, in cure and cured   | 8,028           | 12,918          | 8,136           | 18,296               |
| Total beef  | 252,505         | 253,086         | 205,575         | 179,412              |
| Pork, frozen  | 196,821         | 310,839         | 132,316         | 289,300              |
| Pork, D.S. in cure and cured  | 30,484          | 36,932          | 25,249          | 40,913               |
| Pork, S.P. in cure and cured  | 102,587         | 141,351         | 108,536         | 165,798              |
| Total pork  | 329,892         | 489,122         | 266,101         | 496,011              |
| Lamb and mutton, frozen   | 12,973          | 21,912          | 12,706          | 17,226               |
| Veal, frozen  | 21,848          | 24,213          | 19,290          | 18,394               |
| All offal   | 60,051          | 68,818          | 56,238          | 62,394               |
| Canned meat and meat products   | 36,086          | 37,146          | 26,932          | 30,851               |
| Sausage room products   | 14,330          | 15,647          | 14,504          | 14,040               |
| Lard  | ...             | 83,758          | ...             | ...                  |
| Rendered pork fat   | ...             | 2,167           | ...             | ...                  |
| The Government holds in cold storage outside of processors' hands 10,529,000 lbs. of beef and 6,826,000 lbs. of pork. |                 |                 |                 |                      |

the date, according to figures released by the U. S. Department of Agriculture. Cold storage stocks at the close of December amounted to 727,685,000 lbs., or 21 per cent more than a month before, but showed a 26 per cent drop from the 921,974,000 lbs. reported on the same date a year earlier. The five-year 1948-52 average was 14 per cent larger at 818,223,000 lbs.

Beef stocks rose to 252,505,000 lbs. from 205,575,000 lbs. at the close of November, but decreased slightly from the 262,086,000 lbs. at the close of December, 1952. Average beef stocks in cold storage on December 31 were 179,412,000 lbs.

Pork at 329,892,000 lbs., while considerably more than the 266,101,000 lbs. in cold storage on November 30, was down sharply from the 489,122,000 lbs. reported at the close of December, 1952 and the 496,011,000-lb. average for December 31.

The trend in movement of the smaller-volume meat items was similar to that of the other two. Lamb and mutton stocks on December 31 were up slightly to 12,973,000 lbs. from 12,709,000 lbs. a month earlier, but considerably below the 21,912,000 lbs. a year before and the five-year average of 17,226,000 lbs.

Cold storage stocks of veal rose to 21,848,000 lbs. compared with 19,290,000 lbs. at the close of November, but were less than the 24,213,000 lbs. a year earlier. December 31 stocks of the meat were above the average for the date, which was 18,389,000 lbs.

Miscellaneous meat items totaled 60,051,000 lbs. as against 56,389,000 lbs. on November 30 and 68,818,000 lbs. at the end of December, the year before. Average cold storage holdings of offal, on the basis of 1948-52 inventories, was 62,394,000 lbs.

Stocks of canned meat and meat products totaled 36,086,000 lbs. on December 31 compared with 26,932,000 lbs. a month before, 37,146,000 lbs. a year

### CHICAGO PROV. STOCKS

Lard inventories in Chicago on January 15 amounted to 13,408,720 lbs., according to the Chicago Board of Trade. This was an increase compared with the 8,901,138 lbs. of product in store on December 31, but less than the 84,382,251 lbs. a year earlier. Total D. S. bellies amounted to 3,689,865 lbs. as against 2,580,843 lbs. on December 31 and 3,866,619 lbs. a year earlier. Chicago provision items appear below:

|   | Jan. 15,<br>'54 lbs. | Dec. 31,<br>'53 lbs. | Jan. 15,<br>'53 lbs. |
|---|----------------------|----------------------|----------------------|
| P.S. lard (a)....   | 9,140,398            | 5,241,510            | 54,742,160           |
| P.S. lard (b)....   | ...                  | ...                  | 12,941,367           |
| Dry rendered lard (a) .....                                     | 982,137              | 822,137              | 6,341,000            |
| Dry rendered lard (b) .....                                     | 10,984               | 10,984               | 4,962,864            |
| Other lard .....  | 3,275,201            | 2,826,507            | 5,394,860            |
| TOTAL LARD....  | 13,408,720           | 8,901,138            | 84,382,251           |
| D.S. C1 Bellies (cont.) .....                                   | 39,200               | 163,300              | 35,182               |
| D.S. C1 Bellies (other) .....                                   | 3,650,665            | 2,417,543            | 3,831,437            |
| TOT. D.S. CL. BELLIES .....                                     | 3,689,865            | 2,580,843            | 3,866,619            |
| (a) Made since Oct. 1, 1953. (b) Made previous to Oct. 1, 1953. |                      |                      |                      |

### U.S. Poultry Canning

Poultry canned or used in canning during November totaled 16,187,000 lbs., compared with 19,893,000 lbs. in November last year and the 1947-51 average of 11,402,000 lbs., the Agricultural Marketing Service has reported. The quantity canned during the first 11 months of 1953 totaled 168,127,000 lbs. compared with 175,951,000 lbs. during the same period 1952—a decrease of about 4 per cent.

Poultry certified for canning and evisceration under federal inspection during November totaled 129,514,000 lbs. compared with 107,884,000 lbs. during November last year. Of the 129,514,000 lbs.; 15,594,000 lbs. were for canning and 113,920,000 lbs. were eviscerated for sale. Of the quantity certified during November 1952, 19,340,000 lbs. were for canning and 88,544,000 lbs. were eviscerated for sale.



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# MEAT and SUPPLIES PRICES

## CHICAGO

### WHOLESALE FRESH MEATS

#### CARCASS BEEF

|                  |               |
|------------------|---------------|
| Native steers    | Jan. 19, 1954 |
| Prime, 600/800   | 43            |
| Choice, 500/700  | 40            |
| Choice, 700/800  | 40            |
| Good, 700/800    | 36            |
| Commercial cows  | 26 @ 26½      |
| Can. & cut. cows | 23¼ @ 23½     |
| Bulls            | 26            |

#### STEER BEEF CUTS

|                   |             |
|-------------------|-------------|
| Prime:            |             |
| Hindquarter       | 54.0 @ 57.0 |
| Forequarter       | 34.0 @ 35.0 |
| Round             | 46.0 @ 49.0 |
| Trimmed full loin | 88.0 @ 92.0 |
| Regular chuck     | 36.0 @ 38.0 |
| Fore Shank        | 17.0 @ 18.0 |
| Brisket           | 32.0 @ 34.0 |
| Rib               | 63.0 @ 65.0 |
| Short plate       | 11.0 @ 14.0 |
| Flanks (rough)    | 11.0 @ 12.0 |

|                   |             |
|-------------------|-------------|
| Choice:           |             |
| Hindquarter       | 47.0 @ 50.0 |
| Forequarter       | 32.0 @ 33.0 |
| Round             | 46.0 @ 49.0 |
| Trimmed full loin | 63.0 @ 70.0 |
| Regular chuck     | 36.0 @ 38.0 |
| Fore Shank        | 17.0 @ 18.0 |
| Brisket           | 32.0 @ 34.0 |
| Rib               | 52.0 @ 55.0 |
| Short plate       | 11.0 @ 14.0 |
| Flanks (rough)    | 11.0 @ 12.0 |

|               |             |
|---------------|-------------|
| Good:         |             |
| Round         | 44.0 @ 46.0 |
| Regular chuck | 35.0 @ 36.0 |
| Brisket       | 32.0 @ 34.0 |
| Rib           | 45.0 @ 48.0 |
| Loins         | 56.0 @ 59.0 |

|                                   |    |
|-----------------------------------|----|
| <b>COW &amp; BULL TENDERLOINS</b> |    |
| 3/4 in. range cows                | 50 |
| 3/4 range cows                    | 55 |
| 4/5 range cows                    | 60 |
| 5/8 range cows                    | 80 |
| Bulls, 5/8 up                     | 80 |

#### BEEF HAM SETS

|          |    |
|----------|----|
| Knuckles | 45 |
| Insides  | 45 |
| Outsides | 41 |

#### BEEF PRODUCTS

|                  |           |
|------------------|-----------|
| Tongues, No. 1   | 31 @ 35   |
| Hearts, regular  | 10 @ 10½  |
| Livers, selected | 27½ @ 28½ |
| Livers, regular  | 16½ @ 17½ |
| Tripe, scalded   | 4½ @ 5    |
| Tripe, cooked    | 5½ @ 6    |
| Lips, scalded    | 6½ @ 7    |
| Lips, unscalded  | 6 @ 8     |
| Lungs            | 6½ @ 7    |
| Melts            | 6½ @ 7    |
| Udders           | 5½        |

#### FANCY MEATS

(L.C.I. prices)

|                           |         |
|---------------------------|---------|
| Beef tongues, corned      | 35 @ 38 |
| Veal breads, under 12 oz. | 38 @ 42 |
| 12 oz. up                 | 40 @ 45 |
| Calf tongues, 1/2 down    | 21 @ 28 |
| 0x tails, under ¼ lb.     | 12 @ 15 |
| Over ¼ lb.                | 16 @ 18 |

#### WHOLESALE SMOKED MEATS

|  |         |
|--|---------|
| Hams, skinned, 14/16 lbs., wrapped               | 60 @ 64 |
| Hams, skinned, 14/16 lbs., ready-to-eat, wrapped | 62 @ 65 |
| Hams, skinned, 16/18 lbs., wrapped               | 59 @ 63 |
| Hams, skinned, 16/18 lbs., ready-to-eat, wrapped | 61 @ 64 |
| Bacon, fancy, trimmed, bris-                     |         |
| ket off, 5/10 lbs., wrapped                      | 62 @ 65 |
| Bacon, fancy square cut, seed-                   |         |
| less, 12/14½ lbs., wrapped                       | 58 @ 63 |
| Bacon, No. 1 sliced, 1-lb.                       |         |
| open-faced layers                                | 73 @ 75 |

#### VEAL—SKIN OFF

Carcass

(L.C.I. prices)

|                      |               |
|----------------------|---------------|
| Prime, 80/110        | 46.00 @ 49.00 |
| Prime, 110/150       | 48.00 @ 47.00 |
| Choice, 80/110       | 45.00 @ 48.00 |
| Choice, 110/150      | 42.00 @ 45.00 |
| Good, 50/80          | 35.00 @ 42.00 |
| Good, 80/110         | 42.00 @ 44.00 |
| Good, 110/150        | 41.00 @ 43.00 |
| Commercial, all wts. | 30.00 @ 35.00 |

#### CARCASS MUTTON

(L.C.I. prices)

|                  |             |
|------------------|-------------|
| Choice, 70/down  | None quoted |
| Good, 70/down    | None quoted |
| Utility, 70/down | None quoted |

### CARCASS LAMB

(L.C.I. prices)

|                   |               |
|-------------------|---------------|
| Prime, 40/50      | 41.00 @ 44.00 |
| Prime, 50/60      | 41.00 @ 44.00 |
| Choice, 40/50     | 40.00 @ 43.00 |
| Choice, 50/60     | 40.00 @ 43.00 |
| Good, all weights | 39.00 @ 42.00 |

### SAUSAGE MATERIALS—FRESH

|                                   |          |
|-----------------------------------|----------|
| Pork trim., reg. 40% bbls.        | 27       |
| Pork trim., guar. 50% lean, bbls. | 29       |
| Pork trim., 80% lean, bbls.       | 49       |
| Pork trim., 95% lean, bbls.       | 55       |
| Pork cheek meat, trmd., bbls.     | 35½      |
| Bull meat, bon'ls, bbls.          | 36½      |
| C.C. cow meat, bbls.              | 33       |
| Beef trimmings, 75/85%, bbls.     | 23       |
| Bon'ls chucks, bbls.              | 23 @ 33½ |
| Beef cheek meat, trmd., bbls.     | 19       |
| Beef head meat, bbls.             | 16       |
| Shank meat, bbls.                 | 34       |
| Veal trim., bon'ls, bbls.         | 28       |

### FRESH PORK AND PORK PRODUCTS

(L.C.I. prices)

|                                 |          |
|---------------------------------|----------|
| Hams, skinned, 10/14            | 58 @ 59  |
| Hams, skinned, 14/16            | 55½      |
| Pork loins, regular             |          |
| 12/down, 100's                  | 50 @ 51  |
| Pork loin, boneless, 100's      | 68       |
| Shoulders, under 16 lbs., 100's | 40       |
| Picnics, 4/8 lbs., loose        | 37 @ 37½ |
| Picnics, 6/8 lbs., loose        | 33 @ 33½ |
| Pork livers                     | 18       |
| Boston butts, 4/8 lbs.          | 46 @ 47  |
| Tenderloins, fresh, 10's        | 80       |
| Neck bones, bbls.               | 16 @ 17  |
| Brains, 10's                    | 16       |
| Ears, 30's                      | 17       |
| Snouts, lean in, 100's          | 16       |
| Feet, s.c., 30's                | 11 @ 12  |

### SAUSAGE CASINGS

(L.C.I. prices quoted to manufacturers of sausage)

|  |             |
|--|-------------|
| Beef casings:                          |             |
| Domestic rounds, 1½ to 1½ in.          | 50 @ 65     |
| Domestic rounds, over 1½ in., 140 pack | 80 @ 1.10   |
| Export rounds, wide, over 1½ in.       | 1.40 @ 1.65 |
| Export rounds, medium, 1½ @ 1½ in.     | 75 @ 1.85   |
| Export rounds, narrow, 1½ in. under    | 1.00 @ 1.25 |
| No. 1 weas., 24 in. up                 | 12 @ 14     |
| No. 1 weas., 22 in. up                 | 9 @ 12      |
| No. 2 weasands                         | 7 @ 10      |
| Middles, sew., 1½/2 in.                | 85 @ 1.25   |
| Middles, select, wide, 2½ @ 2½ in.     | 1.50 @ 1.75 |
| Middles, extra select, 2½ @ 2½ in.     | 1.85 @ 2.50 |
| Middles, extra select, 2½ in. & up     | 2.75 @ 3.40 |
| Beef bungs, exp., No. 1                | 21 @ 29     |
| Beef bungs, domestic                   | 18 @ 24     |
| Dried or salt, bladders, piece:        |             |
| 8-10 in. wide, flat                    | 5 @ 9       |
| 10-12 in. wide, flat                   | 8 @ 12      |
| 12-15 in. wide, flat                   | 17 @ 23     |

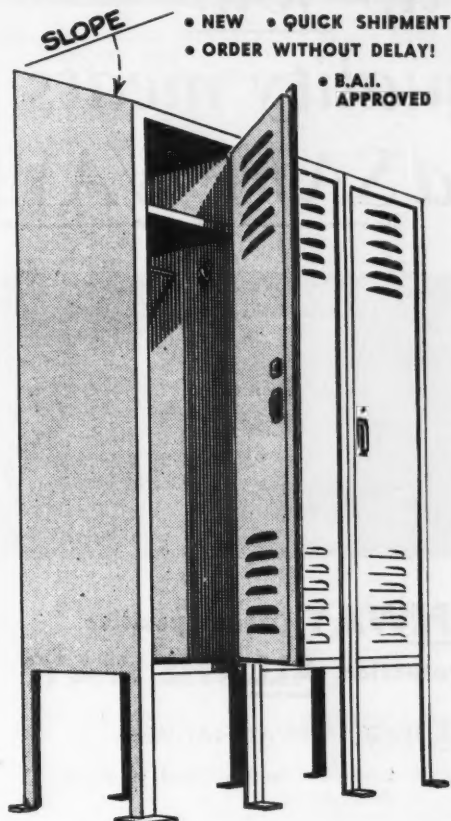
|                                |             |
|--------------------------------|-------------|
| Pork casings:                  |             |
| Extra narrow, 29 mm. & dn.     | 3.70 @ 4.25 |
| Narrow, mediums, 29 @ 32 mm.   | 3.65 @ 4.25 |
| Medium, 32 @ 35 mm.            | 2.75 @ 3.10 |
| Spec. med., 35 @ 38 mm.        | 1.80 @ 2.00 |
| Export bungs, 34 in. cut       | 40 @ 42     |
| Large prime bungs, 34 in. cut  | 25 @ 33     |
| Medium prime bungs, 34 in. cut | 20 @ 28     |
| Small prime bungs              | 10 @ 17     |
| Middles, per tes, con. off.    | 50 @ 70     |
| Sheep cas. (per hank):         |             |
| 26/28 mm.                      | 3.55 @ 4.50 |
| 24/26 mm.                      | 4.00 @ 4.50 |
| 22/24 mm.                      | 4.00 @ 4.25 |
| 20/22 mm.                      | 3.00 @ 3.25 |
| 18/20 mm.                      | 1.75 @ 2.25 |
| 16/18 mm.                      | 1.00 @ 1.25 |

### DRY SAUSAGE

(L.C.I. prices)

|                         |             |
|-------------------------|-------------|
| Cervelat, ch. hog bungs | 87 @ 92     |
| Thuringer               | 42 @ 47     |
| Farmer                  | 70 @ 75     |
| Holsteiner              | 73 @ 78     |
| B. C. Salami            | 80 @ 89     |
| Genoa style salami, ch. | 1.00 @ 1.02 |
| Pepperoni               | 72 @ 78     |

# LOCKERS!



- TROUBLE FREE HINGES
- POSITIVE LATCH
- RIGID FRAME

Single-row - 3 wide **\$17.95** PER OPENING  
With Seat Brackets

Further discount for quantities  
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**BARLIANT & CO.**

OFFICES AND DISPLAY ROOMS LOCATED AT U. S. YARDS  
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Phone: CLiffside 4-6900



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**SAFEWAY** means positive  
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## SAFEWAY TRUCK LINES, INC.

Main Office: 4125 S. Emerald Ave., CHICAGO 9, ILLINOIS

Fort Dodge • Omaha • St. Louis • Kansas City  
Boston • Jersey City • Buffalo • Cleveland

## DOMESTIC SAUSAGE

(l.c.l. prices)

|                            |          |
|----------------------------|----------|
| Pork sausage, hog casings. | 49½      |
| Pork sausage, sheep cas.   | 58 @59   |
| Frankfurters, sheep cas.   | 39½ @51  |
| Frankfurters, skinless     | 39½ @42½ |
| Bologna (ring)             | 37½ @44  |
| Bologna, artificial cas.   | 33½ @35½ |
| Smoked liver, hog bungs.   | 45½      |
| New Eng. lunch, spec.      | 67 @72   |
| Souse                      | 34       |
| Polish sausage, smoked     | 48 @60   |
| Pickle & Pimiento loaf     | 34½ @41½ |
| Olive loaf                 | 35½ @44½ |
| Pepper loaf                | 42 @53½  |
| Smoke snacks               | 51½      |
| Smoke links                | 65½      |

## SPICES

(Basis Chgo., orig. bbls., bags, bales)

|                      | Whole | Ground |
|----------------------|-------|--------|
| Allspice, prime      | 50    | 57     |
| Resifted             | 53    | 60     |
| Chili Powder         | 47    |        |
| Chili Pepper         | 47    |        |
| Cloves, Zanzibar     | 1.03  | 1.10   |
| Ginger, Jam., unbl.  | 29    | 34     |
| Ginger, African      | 29    | 34     |
| Mace, fancy, Banda   |       | 1.40   |
| West Indies          |       | 1.48   |
| East Indies          |       | 1.48   |
| Mustard flour, fancy | 37    |        |
| No. 1                | 33    |        |
| West India Nutmeg    | 49    |        |
| Paprika, Spanish     | 51    |        |
| Pepper, Cayenne      | 54    |        |
| Red, No. 1           | 53    |        |
| Pepper, Packers      | 1.20  | 1.59   |
| Malibar              | 1.20  | 1.30   |
| Black Lampung        | 1.20  | 1.30   |

## SEEDS AND HERBS

(l.c.l. prices)

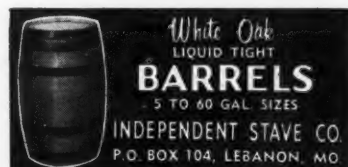
|                     | Whole | Ground |
|---------------------|-------|--------|
| Caraway seed        | 18    | 23     |
| Cominos seed        | 26    | 30     |
| Mustard seed, fancy | 23    |        |
| Yellow American     | 17    |        |
| Oregano             | 45    | 52     |
| Coriander, Morocco  |       |        |
| Natural No. 1       | 15    | 19     |
| Morjoram, French    | 40    | 47     |
| Sage, Dalmatian,    |       |        |
| No. 1               | 60    | 68     |

## CURING MATERIALS

|   | Cwt.    |
|---|---------|
| Nitrite of soda, in 400-lb. bbls., del. or f.o.b. Chgo.             | \$10.06 |
| Saltpeter, n. ton, f.o.b. N.Y.                                      |         |
| Bbl. refined gran.  | 11.25   |
| Small crystals  | 14.00   |
| Medium crystals   | 15.40   |
| Pure rfd., gran. nitrate of soda                                    | 5.25    |
| Pure rfd., powdered nitrate of soda                                 | 6.25    |
| Salt—   |         |
| Salt, in mln. car. of 45,000 lbs., only, paper sacked, f.o.b. Chgo. |         |
| Granulated (ton)  | \$28.00 |
| Rock, per ton in 100-lb. bags, f.o.b. warehouse, Chgo.              | 26.00   |
| Sugar—  |         |
| Raw, 96 basis, f.o.b. N.Y.  | 6.00    |
| Refined standard cane gran., basis                                  | 8.10    |
| Packers, curing sugar, 100-lb. bags, f.o.b. Reserve, La., less 2%   | 8.10    |
| Cerelose dextrose, per cwt.   | 7.50    |
| L.C.L. ex-warehouse, Chgo.  | 7.40    |
| C/L Del. Chgo.  | 7.40    |

## PACIFIC COAST WHOLESALE MEAT PRICES

|  | Los Angeles<br>Jan. 19 | San Francisco<br>Jan. 19 | No. Portland<br>Jan. 19 |
|--|------------------------|--------------------------|-------------------------|
| <b>FRESH BEEF (Carcass)</b>                |                        |                          |                         |
| <b>STEER—</b>                              |                        |                          |                         |
| Choice:                                    |                        |                          |                         |
| 500-600 lbs.                               | \$41.00@42.00          | \$42.00@44.00            | \$40.00@42.00           |
| 600-700 lbs.                               | 40.00@41.00            | 41.00@42.00              | 39.00@41.00             |
| Good:                                      |                        |                          |                         |
| 500-600 lbs.                               | 37.00@38.00            | 39.00@40.00              | 40.00@43.00             |
| 600-700 lbs.                               | 35.00@38.00            | 38.00@39.00              | 40.00@42.00             |
| Commercial:                                |                        |                          |                         |
| 350-500 lbs.                               | 34.00@36.00            | 37.00@38.00              | 32.00@38.00             |
| <b>COW—</b>                                |                        |                          |                         |
| Commercial, all wts.                       | 28.00@29.00            | 28.00@32.00              | 27.00@33.00             |
| Utility, all wts.                          | 24.00@27.00            | 26.00@30.00              | 26.00@31.00             |
| <b>FRESH CALF:</b>                         | <b>(Skin-Off)</b>      | <b>(Skin-Off)</b>        | <b>(Skin-Off)</b>       |
| Choice:                                    |                        |                          |                         |
| 200 lbs. down                              | 38.00@41.00            | 42.00@44.00              | 40.00@43.00             |
| Good:                                      |                        |                          |                         |
| 200 lbs. down                              | 36.00@39.00            | 40.00@42.00              | 38.00@41.00             |
| <b>FRESH LAMB (Carcass):</b>               |                        |                          |                         |
| Prime:                                     |                        |                          |                         |
| 40-50 lbs.                                 | 44.00@46.00            | 42.00@44.00              | 41.00@43.00             |
| 50-60 lbs.                                 | 43.00@45.00            | 40.00@42.00              | 37.00@40.00             |
| Choice:                                    |                        |                          |                         |
| 40-50 lbs.                                 | 44.00@46.00            | 42.00@44.00              | 41.00@43.00             |
| 50-60 lbs.                                 | 43.00@45.00            | 40.00@42.00              | 37.00@40.00             |
| Good, all wts.                             | 42.00@44.00            | 38.00@42.00              | 34.00@39.00             |
| <b>MUTTON (EWE):</b>                       |                        |                          |                         |
| Choice, 70 lbs. down                       | None quoted            | None quoted              | 12.00@16.50             |
| Good, 70 lbs. down                         | None quoted            | None quoted              | 12.00@16.50             |
| <b>FRESH PORK CARCASSES (Packer Style)</b> | <b>(Shipper Style)</b> | <b>(Shipper Style)</b>   | <b>(Shipper Style)</b>  |
| 80-120 lbs.                                | None quoted            | 41.00@43.00              | None quoted             |
| 120-160 lbs.                               | 41.50@42.50            | 39.00@41.00              | 40.00@42.00             |
| <b>LOINS:</b>                              |                        |                          |                         |
| 8-10 lbs.                                  | 57.00@60.00            | 60.00@64.00              | 60.00@66.00             |
| 10-12 lbs.                                 | 57.00@60.00            | 58.00@62.00              | 59.00@66.00             |
| 12-16 lbs.                                 | 57.00@60.00            | 56.00@60.00              | 58.00@64.00             |
| <b>FRESH PORK CUTS No. 1:</b>              | <b>(Smoked)</b>        | <b>(Smoked)</b>          | <b>(Smoked)</b>         |
| <b>PICNICS:</b>                            |                        |                          |                         |
| 4-8 lbs.                                   | 42.00@46.00            | 44.00@48.00              | 42.00@46.00             |
| <b>HAMS, Skinned:</b>                      |                        |                          |                         |
| 12-16 lbs.                                 | 65.00@69.00            | 68.00@72.00              | 67.00@71.50             |
| 16-18 lbs.                                 | 64.00@69.00            | 65.00@70.00              | 64.00@69.00             |
| <b>BACON, "Dry Cure" No. 1:</b>            |                        |                          |                         |
| 6-8 lbs.                                   | 66.00@74.00            | 70.00@78.00              | 67.00@73.00             |
| 8-10 lbs.                                  | 66.00@72.00            | 68.00@74.00              | 65.00@70.00             |
| 10-12 lbs.                                 | 64.00@70.00            | 64.00@68.00              | 62.00@65.00             |
| <b>LARD, Refined:</b>                      |                        |                          |                         |
| 1-lb. cartons                              | 22.50@24.50            | 23.00@26.00              | 22.00@25.00             |
| 50-lb. cartons and cans                    | 20.50@23.50            | 20.00@23.00              | None quoted             |
| Terces                                     | 20.00@22.50            | 20.00@22.00              | 21.00@23.50             |





# CHICAGO PROVISION MARKETS

From The National Provisioner Daily Market Service  
CASH PRICES

## F.O.B. CHICAGO CHICAGO BASIS

WEDNESDAY, JAN. 20, 1954

### REGULAR HAMS

Fresh or F.F.A.

|       | Frozen   |
|-------|----------|
| 8-10  | 53 1/2 n |
| 10-12 | 53 1/2 n |
| 12-14 | 53 1/2 n |
| 14-16 | 51 n     |
| 16-18 | 49 1/2 n |
| 18-20 | 48 1/2 n |
| 20-22 | 48 1/2 n |

### SKINNED HAMS

Fresh or F.F.A.

|        | Frozen   |
|--------|----------|
| 10-12  | 50 1/2 n |
| 12-14  | 50 1/2 n |
| 14-16  | 50 1/2 n |
| 16-18  | 52 n     |
| 18-20  | 51 n     |
| 20-22  | 51 n     |
| 22-24  | 51 n     |
| 24-26  | 51 n     |
| 26-28  | 50 n     |
| 28-30  | 50 n     |
| 30-32  | 50 n     |
| 32-34  | 50 n     |
| 34-36  | 50 n     |
| 36-38  | 50 n     |
| 38-40  | 50 n     |
| 40-42  | 50 n     |
| 42-44  | 50 n     |
| 44-46  | 50 n     |
| 46-48  | 50 n     |
| 48-50  | 50 n     |
| 50-52  | 50 n     |
| 52-54  | 50 n     |
| 54-56  | 50 n     |
| 56-58  | 50 n     |
| 58-60  | 50 n     |
| 60-62  | 50 n     |
| 62-64  | 50 n     |
| 64-66  | 50 n     |
| 66-68  | 50 n     |
| 68-70  | 50 n     |
| 70-72  | 50 n     |
| 72-74  | 50 n     |
| 74-76  | 50 n     |
| 76-78  | 50 n     |
| 78-80  | 50 n     |
| 80-82  | 50 n     |
| 82-84  | 50 n     |
| 84-86  | 50 n     |
| 86-88  | 50 n     |
| 88-90  | 50 n     |
| 90-92  | 50 n     |
| 92-94  | 50 n     |
| 94-96  | 50 n     |
| 96-98  | 50 n     |
| 98-100 | 50 n     |

### PICNICS

Fresh or F.F.A.

|        | Frozen   |
|--------|----------|
| 4-6    | 30 1/2 n |
| 6-8    | 31 1/2 n |
| 8-10   | 30 1/2 n |
| 10-12  | 30 1/2 n |
| 12-14  | 30 1/2 n |
| 14-16  | 30 1/2 n |
| 16-18  | 30 1/2 n |
| 18-20  | 30 1/2 n |
| 20-22  | 30 1/2 n |
| 22-24  | 30 1/2 n |
| 24-26  | 30 1/2 n |
| 26-28  | 30 1/2 n |
| 28-30  | 30 1/2 n |
| 30-32  | 30 1/2 n |
| 32-34  | 30 1/2 n |
| 34-36  | 30 1/2 n |
| 36-38  | 30 1/2 n |
| 38-40  | 30 1/2 n |
| 40-42  | 30 1/2 n |
| 42-44  | 30 1/2 n |
| 44-46  | 30 1/2 n |
| 46-48  | 30 1/2 n |
| 48-50  | 30 1/2 n |
| 50-52  | 30 1/2 n |
| 52-54  | 30 1/2 n |
| 54-56  | 30 1/2 n |
| 56-58  | 30 1/2 n |
| 58-60  | 30 1/2 n |
| 60-62  | 30 1/2 n |
| 62-64  | 30 1/2 n |
| 64-66  | 30 1/2 n |
| 66-68  | 30 1/2 n |
| 68-70  | 30 1/2 n |
| 70-72  | 30 1/2 n |
| 72-74  | 30 1/2 n |
| 74-76  | 30 1/2 n |
| 76-78  | 30 1/2 n |
| 78-80  | 30 1/2 n |
| 80-82  | 30 1/2 n |
| 82-84  | 30 1/2 n |
| 84-86  | 30 1/2 n |
| 86-88  | 30 1/2 n |
| 88-90  | 30 1/2 n |
| 90-92  | 30 1/2 n |
| 92-94  | 30 1/2 n |
| 94-96  | 30 1/2 n |
| 96-98  | 30 1/2 n |
| 98-100 | 30 1/2 n |

### OTHER CELLAR CUTS

Fresh or Frozen

|              | Cured    |
|--------------|----------|
| Square jowls | 25 1/2 n |
| Jowl butts   | 21 1/2 n |
| S. P. jowls  | 21 1/2 n |

## LARD FUTURES PRICES

FRIDAY, JAN. 15, 1954

|   | Open      | High      | Low         | Close |
|---|-----------|-----------|-------------|-------|
| Jan. 16.30  | 16.45     | 16.20     | 16.35       |       |
| Mar. 16.05  | 16.12 1/2 | 15.95     | 16.02 1/2   |       |
| May 15.17 1/2   | 15.42 1/2 | 15.17 1/2 | 15.30       |       |
| July 14.50  | 14.72 1/2 | 14.50     | 14.70       |       |
| Sept. 14.30   | 14.37 1/2 | 14.30     | 14.37 1/2 b |       |
| Sales: 7,080,000 lbs.   |           |           |             |       |
| Open interest at close Thursday, Jan. 14: Jan. 332, Mar. 700, May 271, July 224, and Sept. 35 lots. |           |           |             |       |

MONDAY, JAN. 18, 1954

|   | Open      | High      | Low       | Close |
|---|-----------|-----------|-----------|-------|
| Jan. 16.30  | 16.45     | 15.82 1/2 | 15.82 1/2 |       |
| Mar. 16.05  | 16.12 1/2 | 16.00     | 16.10-05  |       |
| May 15.25   | 15.47 1/2 | 15.25     | 15.47 1/2 |       |
| July 14.70  | 14.82 1/2 | 14.70     | 14.82 1/2 |       |
| Sept. 14.40   | 14.45     | 14.40     | 14.45     |       |
| Sales: 13,000,000 lbs.  |           |           |           |       |
| Open interest at close Friday, Jan. 15: Jan. 310, Mar. 723, May 277, July 223, and Sept. 36 lots. |           |           |           |       |

TUESDAY, JAN. 19, 1954

|   | Open      | High      | Low       | Close |
|---|-----------|-----------|-----------|-------|
| Jan. 15.62 1/2  | 16.25     | 15.82 1/2 | 16.22 1/2 |       |
| Mar. 16.00  | 16.30     | 16.00     | 16.25     |       |
| May 15.50   | 15.75     | 15.50     | 15.72 1/2 |       |
| July 14.82 1/2  | 15.12 1/2 | 14.82 1/2 | 15.12 1/2 |       |
| Sept. 14.60   | 14.75     | 14.50     | 14.75     |       |
| Sales: 14,760,000 lbs.  |           |           |           |       |
| Open interest at close Monday, Jan. 18: Jan. 255, Mar. 732, May 289, July 224, and Sept. 38 lots. |           |           |           |       |

WEDNESDAY, JAN. 20, 1954

|  | Open    | High  | Low         | Close |
|--|---------|-------|-------------|-------|
| Jan. 16.15   | 16.15   | 15.80 | 15.90-80    |       |
| Mar. 16.30   | 16.30   | 16.00 | 16.05       |       |
| May 15.85  | 15.85   | 15.45 | 15.47 1/2 b |       |
| July 15.20   | 15.20   | 15.00 | 15.02 1/2   |       |
| Sept. 14.80  | 14.85 b | 14.65 | 14.70 b     |       |
| Sales: 19,720,000 lbs.   |         |       |             |       |
| Open interest at close Tuesday, Jan. 19: Mar. 756, May 248, July 248, and Sept. 34 lots. |         |       |             |       |

THURSDAY, JAN. 21, 1954

|   | Open      | High      | Low         | Close |
|---|-----------|-----------|-------------|-------|
| Mar. 16.15  | 16.15     | 16.05     | 16.12 1/2   |       |
| May 15.55   | 15.50     | 15.52 1/2 | 15.57 1/2   |       |
| July 15.10  | 15.25     | 15.10     | 15.22 1/2 b |       |
| Sept. 14.75   | 14.92 1/2 | 14.75     | 14.92 1/2 b |       |
| Sales: 5,000,000 lbs.   |           |           |             |       |
| Open interest at close Wed., Jan. 20: Jan. 106, Mar. 788, May 322, July 298, and Sept. 40 lots. |           |           |             |       |

## BELLIES

(Square Cut)

|       | Green  | Cured    |
|-------|--------|----------|
| 6-8   | 54 n   | 55 1/2 n |
| 8-10  | 54     | 55 1/2 n |
| 10-12 | 53     | 54 1/2 n |
| 12-14 | 50     | 51 1/2 n |
| 14-16 | 45 1/4 | 46 1/2 n |
| 16-18 | 45     | 46 1/2 n |
| 18-20 | 41     | 42 1/2 n |

## GR. AMN.

BELLIES

|       | Clear    | Cured    |
|-------|----------|----------|
| 18-20 | 20 1/2 n | 30 1/2 n |
| 20-25 | 30 1/2   | 30 1/2   |
| 25-30 | 30 1/2   | 30 1/2   |
| 30-35 | 27 1/2   | 29 1/2   |
| 35-40 | 26 1/2   | 29       |
| 40-50 | 24       | 25 1/2   |

## FAT BACKS

Fresh or Frozen

|       | Cured    |
|-------|----------|
| 6-8   | 12 n     |
| 8-10  | 13 1/2 n |
| 10-12 | 13 1/2 n |
| 12-14 | 14 1/2 n |
| 14-16 | 16 1/2 n |
| 16-18 | 18 1/2 n |
| 18-20 | 18 1/2 n |
| 20-25 | 18 1/2 n |

## BARRELED PORK

|       | Clear Fat Back | Cured |
|-------|----------------|-------|
| 30/40 | 46 n           | 50 n  |
| 40/50 | 46 n           | 50 n  |
| 50/60 | 48 1/2 n       | 50 n  |

## CORN-HOG RATIO

The corn-hog ratio for barrows and gilts at Chicago for the week ended Jan. 16, 1954, was 16.4 according to a report by the U. S. department of Agriculture. This ratio compared with the 15.4 ratio reported for the preceding week and 11.4 recorded for the same week a year ago. These ratios were calculated on the basis of yellow corn selling at \$1.536 per bu. in the week ended Jan. 16, 1954, \$1.563 per bu. in the previous week and \$1.596 per bu. for the same period a year earlier.

## PACKERS' WHOLESALE LARD PRICES

|  | Refined lard, tierces, f.o.b. |
|--|-------------------------------|
| Chicago                                      | \$20.75                       |
| Refined lard, 50-lb. cartons, f.o.b. Chicago | 20.75                         |
| Kettle rend., tierces, f.o.b. Chicago        | 21.25                         |
| Leaf, kettle rend., tierces, f.o.b. Chicago  | 22.25                         |
| Lard flakes                                  | 25.25                         |
| Neutral tierces, f.o.b. Chicago              | 25.25                         |
| Standard shortening * N. & S.                | 21.00                         |
| Hydrogenated shortening, N. & S.             | 22.75                         |

\*Delivered.

## WEEK'S LARD PRICES

|         | P.S. Lard   | P.S. Lard | Raw     |
|---------|-------------|-----------|---------|
|         | Tierces     | Loose     | Leaf    |
| Jan. 15 | 16.37 1/2 n | 14.75 n   | 15.75 n |
| Jan. 16 | 16.37 1/2 n | 14.75 n   | 15.75 n |
| Jan. 18 | 15.87 1/2 n | 14.50 n   | 15.50 n |
| Jan. 19 | 16.25 n     | 14.50 n   | 15.50 n |
| Jan. 20 | 15.85 n     | 14.50 n   | 15.50 n |
| Jan. 21 | 16.00 n     | 14.50 n   | 15.50 n |

a—asked; b—bid; n—nominal.

# MARKET PRICES

NEW YORK

## WHOLESALE FRESH MEATS CARCASS BEEF

|                       | Jan. 19, 1954 |
|-----------------------|---------------|
| Prime, 800 lbs./down  | \$43.50@45.50 |
| Prime, 800/900        | 41.50@43.50   |
| Choice, 800 lbs./down | 40.00@42.50   |
| Choice, 800/900       | 40.00@41.50   |
| Good, 500/700         | 36.00@38.00   |
| Steer, commercial     | 30.00@32.00   |
| Cow, commercial       | 28.00@30.00   |
| Cow, utility          | 24.00@27.00   |

## FRESH PORK CUTS

(L.c.l. prices)

|                      | Western       |
|----------------------|---------------|
| Pork loins, 8/12     | \$54.00@57.00 |
| Pork loins, 12/16    | 54.00@55.00   |
| Hams, sknd., 14/down | 57.00@60.00   |
| Boston butts, 4/8    | 48.00@52.00   |
| Spareribs, 3/down    | 46.00@49.00   |
| Pork trim, regular   | 29.00         |
| Pork trim, spec. 80% | 49.00         |

## BEEF CUTS

|                                | City        |
|--------------------------------|-------------|
| Prime:                         |             |
| Hindquarters, 600/800          | 54.00@ 61.0 |
| Hindquarters, 800/900          | 53.00@ 54.0 |
| Rounds, no flank               | 51.00@ 53.0 |
| Rounds, Diamond bone, no flank | 52.00@ 54.0 |
| Short loins, untrim.           | 78.00@ 90.0 |
| Short loins, trim.             | 67.00@ 75.0 |
| Flanks                         | 14.00@ 15.0 |
| Ribs (7 bone cut)              | 62.00@ 68.0 |
| Arm chucks                     | 40.00@ 42.0 |
| Briskets                       | 30.00@ 32.0 |
| Plates                         | 15.00@ 16.0 |
| Forequarters (Kosher)          | 43.00@ 45.0 |
| Arm chucks (Kosher)            | 48.00@ 50.0 |
| Briskets (Kosher)              | 31.00@ 33.0 |

## VEAL—SKIN OFF

(L.c.l. prices)

|                      | Western       |
|----------------------|---------------|
| Prime, 80/110        | \$50.00@52.00 |
| Prime, 110/150       | 46.00@52.00   |
| Choice, 50/80        | 42.00@45.00   |
| Choice, 80/110       | 44.00@48.00   |
| Choice, 110/150      | 48.00@50.00   |
| Good, 50/80          | 33.00@36.00   |
| Good, 80/110         | 38.00@43.00   |
| Good, 110/150        | 36.00@39.00   |
| Commercial, all wts. | 27.00@32.00   |

## DRESSED HOGS

(L.c.l. prices)

|                 | Western       |
|-----------------|---------------|
| 100 to 112 lbs. | \$40.50@43.00 |
| 112 to 125 lbs. | 40.50@43.00   |
| 125 to 138 lbs. | 40.50@43.00   |
| 138 to 150 lbs. | 40.50@43.00   |

## BUTCHERS' FAT

|               | Shop fat    |
|---------------|-------------|
| Breast fat    | 1 1/2 c lb. |
| Inedible suet | 2 1/2 c lb. |
| Edible suet   | 2 1/2 c lb. |

## FANCY MEATS

(L.c.l. prices)

|                          | Cwt.          |
|--------------------------|---------------|
| Veal breads, under 6 oz. | \$34.00@35.00 |
| 6 to 12 oz.              | 38.00@40.00   |
| 12 oz. up                | 82.00         |
| Beef kidneys             | 10.00         |
| Beef livers, selected    | 35.00         |
| Outails, over 1/4 lb.    | 14.00@15.00   |

## LAMBS

(L.c.l. prices)

|               | City          |
|---------------|---------------|
| Prime, 30/40  | \$44.00@48.00 |
| Prime, 40/45  | 48.00@52.00   |
| Prime, 45/55  | 45.00@48.00   |
| Choice, 30/40 | 45.00@47.00   |
| Choice, 40/45 | 46.00@50.00   |
| Choice, 45/55 | 44.00@47.00   |
| Good, 30/40   | 42.00@44.00   |
| Good, 40/45   | 43.00@45.00   |
| Good, 45/55   | 41.00@43.00   |

|                  | Western       |
|------------------|---------------|
| Prime, 40/50     | \$44.00@47.00 |
| Prime, 50/60     | 44.00@47.00   |
| Prime, 60/70     | 44.00@47.00   |
| Choice, all wts  | 41.00@44.00   |
| Good, all wts.   | 40.00@43.00   |
| Utility, all wts | None quoted   |

## LIVESTOCK PRICES AT SIOUX CITY

Prices paid for livestock at Sioux City on Wednesday, Jan. 20, were reported as follows:

|                       | CATTLE:       |
|-----------------------|---------------|
| Steers, ch. & prime   | \$26.00@27.25 |
| Steers, choice        | 22.50@25.00   |
| Steers, good & ch.    | 19.00@22.00   |
| Heifers, choice & pr. | 23.00@25.50   |
| Heifers, good         | 17.00@19.00   |
| Cows, util. & com'l.  | 11.00@14.00   |
| Cows, can. & cut.     | 9.00@10.50    |
| Bulls, good           | None rec.     |
| Bulls, util. & com'l. | 12.50@14.00   |
| Bulls, can. & cut.    | 8.50@10.50    |



# BY-PRODUCTS....FATS AND OILS

## TALLOWES AND GREASES

Wednesday, January 20, 1954

Activity in the tallow and grease market near the close of last week was only moderate, with bleachable fancy tallow sales at 7c, prime tallow at 6½c and special tallow at 6¼c. Yellow grease sold at 5¼c to 6c. Choice white grease sold in the East at 10c and special tallow traded at 6¼c.

Material was offered more freely on Friday of last week, but buyers were slow in coming out with their bids. Action improved in the East, however, and a small round lot of choice white grease sold at 10¼c. An additional few tanks also traded at that level, c.a.f. East. Bleachable fancy tallow reportedly sold at 7½c, c.a.f. East.

Sales of both tallows and greases were light the beginning of this week, as offerings were difficult to uncover. Larger consumers were still in the market at 6½c, basis bleachable tallow, but other inquiry was indicated at 6¼c. A tank of No. 1 tallow sold at 5½c Chicago.

There was movement of yellow grease at 5¼c, but it was thought 6c would be paid on better quality production. Lack of offerings contributed to the sluggishness of the Eastern market despite higher buying interest on the part of buyers. Choice white grease was bid at 10¼c and bleachable fancy tallow at 7¼c to 7½c.

The market was steady Tuesday, but activity was scattered. In the East, however, the situation was different and a firmer undertone prevailed. Choice white grease was bid at 10¼c early and later reportedly sold at 10½c. Original fancy tallow was reported to have sold at 7¼c c.a.f. East. Trading in the local area was confined mostly to a couple of items. A tank of special tallow sold at 6c. Yellow grease traded at 5¼c, and at 6c

for special grade. Other movement was also heard at 6c.

The tallow and grease markets in both the local area and in the East were dull at midweek, with only minor activity encountered. Bleachable fancy tallow sold in the East at 7½c and yellow grease at 6½c. Choice white grease was bid at 10¼c, but offerings were priced higher at 10½c. No trading here was reported, but the market was believed steady.

## BY-PRODUCTS MARKETS

### Blood

Wednesday, Jan. 20, 1954

|                               |         |
|-------------------------------|---------|
| Unground, per unit of ammonia | Unit    |
| (bulk) .....                  | Ammonia |
|                               | *8.50n  |

### Digester Feed Tankage Material

|                                |             |
|--------------------------------|-------------|
| Wet rendered, unground, loose, |             |
| Low test .....                 | *7.50@7.75n |
| High test .....                | *7.50@7.75n |
| Liquid stick tank cars .....   | *3.75@4.00  |

### Packinghouse Feeds

|                                  |               |
|----------------------------------|---------------|
|                                  | Carlots,      |
|                                  | per ton       |
| 50% meat and bone scraps, bagged | \$87.50@92.50 |
| 50% meat and bone scraps, bulk   | 85.00@90.00   |
| 55% meat scraps, bulk            | 95.00@100.00  |
| 60% digester tankage, bulk       | 95.00@97.50   |
| 60% digester tankage, bagged     | 97.50@102.50  |
| 80% blood meal, bagged           | 140.00        |
| 70% standard steamed bone meal,  |               |
| bagged (spec. prep.) .....       | 85.00         |
| 60% steamed bone meal, bagged    | 55.00@60.00   |

### Fertilizer Materials

|                                      |            |
|--------------------------------------|------------|
| High grade tankage, ground, per unit |            |
| ammonia .....                        | 5.50@5.75* |
| Hoof meal, per unit ammonia .....    | 6.00       |

### Dry Rendered Tankage

|                 |             |
|-----------------|-------------|
|                 | Per unit    |
|                 | Protein     |
| Low test .....  | *1.45@1.55n |
| High test ..... | *1.45@1.55n |

### Gelatine and Glue Stocks

|                                     |              |
|-------------------------------------|--------------|
|                                     | Per cwt.     |
| Calf trimmings (limed) .....        | \$1.50@1.75  |
| Hide trimmings (green salted) ..... | *10.00@12.00 |
| Cattle jaws, skulls and knuckles,   |              |
| per (ton) .....                     | 55.00@60.00  |
| Pig skin scraps and trimmings,      |              |
| per lb. ....                        | 6¼@7         |

### Animal Hair

|                                  |                |
|----------------------------------|----------------|
| Winter coil dried, per ton ..... | *115.00@120.00 |
| Summer coil dried, per ton ..... | 45.00@55.00    |
| Cattle switches, per piece ..... | 5¼             |
| Winter processed, gray, lb. .... | 14 @ 15        |
| Summer processed, gray, lb. .... | 6 @ 7          |

n—nominal. a—asked.  
\*Quoted delivered basis.

## VEGETABLE OILS

Wednesday, January 20, 1954

Soybean oil gained strength the beginning of the week, which was attributed by some to the report that the Agriculture Department was in the market for a good quantity for February-March shipment to Western Germany. Other selections of vegetable oils closed unevenly with only minor price adjustments encountered.

There was moderate refiner purchase of soybean oil Monday, and January through March shipments sold at 12c. April through June was bid at 12c.

Cottonseed oil was unchanged, but the market developed a firmer tone as the day progressed. January and February shipments sold in the Valley at 12c, with later movement reported at 12½c. The market in the Southeast was pegged at 12½c, nominal basis. Offerings in Texas were priced at 11½c at common points, with sales at Lubbock at 11½c. Corn oil sold at 13c, ¼c below trading levels late last week. Peanut oil was firm and quoted nominally at 17½c. January shipment coconut oil was offered at 16¼c.

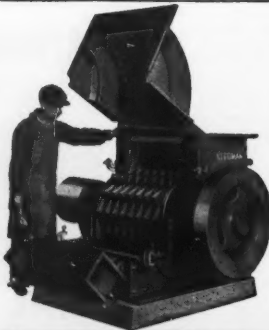
Activity was brisk in the soybean oil market Tuesday, indirectly a result of government purchases at higher levels. Refiners, who had been reluctant about paying higher for available offerings recently, joined in the upswing and a good volume of trading transpired. Early in the day, January and February shipments sold at 12½c and later at 12¼c. The government purchase centered mainly around February shipment at 12½c, seller's tank and unrestricted oil.

Sales of cottonseed oil were also at higher prices and nearby shipments sold in the Valley at 12½c and at 12¼c at better Valley locations for March shipment. In the Southeast, 12¼c was paid at favorable points. Trading was encountered in Texas at 12½c, Waco

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basis. Corn oil was bid at 12½c and offered at 13c, but no trading was heard. In overnight trading, peanut oil sold at 17½c. Coconut oil was unchanged at 16c to 16½c nominally.

The government purchased additional supplies of soybean oil at mid-week, and 12½c was paid for February shipment early. January and February shipments sold early on the domestic market at 12½c. Later the market worked progressively lower and 12½c and 12c was paid for both shipments. Further buying interest was at 11½c. March shipment was also bid at 11½c. Speculators reportedly bought deferred positions at 12½c down to 11½c.

The cottonseed oil market worked lower and early sales in the Valley were made at 12½c. Offerings in the Southeast were priced at 12½c and at 12c in Texas, without reported trade. Corn oil advanced and sold at 12½c for nearby shipments through first-half February. Peanut oil was unchanged at 17½c nominal, as was coconut oil at 16½c to 16½c, nominal basis.

**CORN OIL:** Unchanged from previous week's trading level.

**SOYBEAN OIL:** Market worked progressively lower at midweek, with 11½c bid for January-February-March shipments at close.

**PEANUT OIL:** Registered most advance to trade at 17½c Tuesday.

**COCONUT OIL:** Offerings priced higher fail to bring out buyer inquiry.

**COTTONSEED OIL:** Relatively unchanged from last week to easier.

Cottonseed oil futures in New York were quoted as follows:

| FRIDAY, JAN. 15, 1954 |        |       |       |        |             |
|-----------------------|--------|-------|-------|--------|-------------|
|                       | Open   | High  | Low   | Close  | Prev. Close |
| Jan. ....             | 14.80a | ..... | ..... | 14.80a | 14.80a      |
| Mar. ....             | 14.65b | ..... | ..... | 14.73b | 14.73b      |
| May ....              | 14.05b | ..... | ..... | 14.73  | 14.72b      |
| July ....             | 14.58  | ..... | ..... | 14.60  | 14.61       |
| Sept. ....            | 13.80b | ..... | ..... | 13.95b | 13.95b      |
| Oct. ....             | 13.70b | ..... | ..... | 13.75b | 13.85b      |
| Dec. ....             | 13.70b | ..... | ..... | 13.65b | 13.75b      |

Sales: 107 lots.

| MONDAY, JAN. 19, 1954 |        |       |       |        |             |
|-----------------------|--------|-------|-------|--------|-------------|
|                       | Open   | High  | Low   | Close  | Prev. Close |
| Mar. ....             | 14.65b | 14.75 | 14.75 | 14.75b | 14.80a      |
| May ....              | 14.63b | 14.75 | 14.73 | 14.73b | 14.73b      |
| July ....             | 14.55b | 14.63 | 14.60 | 14.63  | 14.73       |
| Sept. ....            | 13.90b | ..... | ..... | 14.04b | 14.60       |
| Oct. ....             | 13.70b | ..... | ..... | 13.75b | 13.95b      |
| Dec. ....             | 13.60b | ..... | ..... | 13.65b | 13.75b      |
| Jan. ....             | 13.50a | ..... | ..... | 13.50a | 13.65b      |

Sales: 62 lots.

| TUESDAY, JAN. 19, 1954 |        |       |       |        |             |
|------------------------|--------|-------|-------|--------|-------------|
|                        | Open   | High  | Low   | Close  | Prev. Close |
| Mar. ....              | 14.70b | 14.92 | 14.85 | 14.88b | 14.75b      |
| May ....               | 14.70b | 14.87 | 14.80 | 14.80b | 14.73b      |
| July ....              | 14.60b | 14.76 | 14.70 | 14.71b | 14.63       |
| Sept. ....             | 14.10b | ..... | ..... | 14.11b | 14.04b      |
| Oct. ....              | 14.75b | ..... | ..... | 13.85b | 13.75b      |
| Dec. ....              | 13.70b | ..... | ..... | 13.70b | 13.65b      |
| Jan. ....              | 13.50a | ..... | ..... | 13.50a | 13.50a      |

Sales: 43 lots.

| WEDNESDAY, JAN. 20, 1954 |        |       |       |        |             |
|--------------------------|--------|-------|-------|--------|-------------|
|                          | Open   | High  | Low   | Close  | Prev. Close |
| Mar. ....                | 14.80b | 14.80 | 14.74 | 14.76  | 14.88b      |
| May ....                 | 14.77b | 14.80 | 14.67 | 14.71  | 14.80b      |
| July ....                | 14.65b | 14.66 | 14.57 | 14.60b | 14.71b      |
| Sept. ....               | 14.05b | 14.10 | 14.00 | 13.97b | 14.11b      |
| Oct. ....                | 14.75b | ..... | ..... | 13.70b | 13.85b      |
| Dec. ....                | 13.70b | ..... | ..... | 13.65b | 13.70b      |
| Jan. ....                | 13.50a | ..... | ..... | 13.50a | 13.50a      |

Sales: 43 lots.

## EASTERN BY-PRODUCTS MARKET

New York, Jan. 20, 1954

Dried blood was quoted Wednesday at \$8 to \$8.25 per unit of ammonia. Low test wet rendered tankage was priced at \$7 per unit of ammonia and dry rendered tankage, \$1.35.

## CANADIAN MARGARINE

Canada produced a total of 10,221,000 lbs. of oleomargarine in December, or slightly less than the 10,399,000 lbs. in November, but more than the 8,925,000 lbs. turned out in the same month, last year, the Dominion Bureau of Statistics has reported. January 1 stocks held by manufacturers, wholesalers and other warehouses totaled 2,984,000 lbs. compared with 3,000,000 lbs. a month before and 2,896,000 lbs. a year earlier.

## VEGETABLE OILS

Wednesday, Jan. 20, 1954

|   |           |
|---|-----------|
| Crude cottonseed oil, carlots, f.o.b. mills |           |
| Valley .....                                | 12½pd     |
| Southeast .....                             | 12½a      |
| Texas .....                                 | 12a       |
| Corn oil in tanks, f.o.b. mills .....       | 13½pd     |
| Peanut oil, f.o.b. Southern mills .....     | 17½a      |
| Soybean oil, Decatur .....                  | 12a       |
| Coconut oil, f.o.b. Pacific Coast .....     | 16 @ 16½a |
| Cottonseed foots .....                      | 10        |
| Midwest and West Coast .....                | 14        |
| East .....                                  | 15        |

## OLEOMARGARINE

Wednesday, Jan. 20, 1954

|                                |    |
|--------------------------------|----|
| White domestic vegetable ..... | 27 |
| Yellow quarters .....          | 26 |
| Milk churned pastry .....      | 26 |
| Water churned pastry .....     | 26 |

## OLEO OILS

(F.O.B. Chicago)

|   |          |
|---|----------|
| Prime oleo stearine (slack barrels) ..... | 9½ Lb.   |
| Extra oleo oil (drums) .....              | 17 @ 17½ |

pd—paid, n—nominal, a—asked, b—bid.

## Shortening Shipments For 1953

Shipments of standard shortening last year totaled 258,392,000 lbs., according to a report by the Institute of Shortening and Edible Oils.

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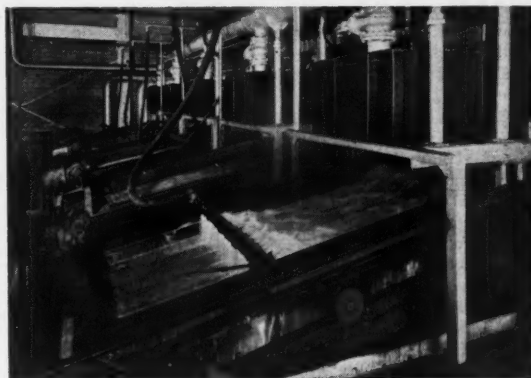
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# HIDES AND SKINS

Hide prices decline in good movement at midweek—Small packer and country hide markets dull—No sales of Northern calf or kipskins heard, but other production points sold lower—Sheepskin market slow and unchanged.

## CHICAGO

**PACKER HIDES:** Branded steers sold  $\frac{1}{2}$ c off late last week, with only a limited quantity traded at 10c for butts and  $\frac{9}{2}$ c for Colorados. These selections and heavy native steers declined during the week.

On Monday of this week, an early trade of 2,400 Oklahoma City branded cows was made at  $11\frac{1}{2}$ c. Buying interest for other selections was slow to develop. St. Paul heavy native cows were bid steady as were Chicago heavy native steers. Later in the day about 1,000 Albert Lea heavy native steers and 1,500 Chicago heavy native cows sold at  $12\frac{1}{2}$ c. Some Southwestern branded cows sold at  $11\frac{1}{2}$ c and Northern heavy native steers and cows brought  $12\frac{1}{2}$ c.

Buying interest for hides was hardly discernible Tuesday, although offerings of some selections were available at earlier trading levels. It was difficult to gauge the trend of the market, but a certain easiness was detected. About 1,000 St. Paul light native cows sold at 15c, 1,600 Omaha branded cows at 11c, some St. Paul heavy native cows at  $12\frac{1}{2}$ c, about 1,000 Wichita branded cows at  $11\frac{1}{2}$ c and about 1,300 Austin heavy native steers at  $12\frac{1}{2}$ c.

A good volume of hides were sold at midweek at fractional price declines. Heavy native steers of River point and Chicago production sold at 11c and  $11\frac{1}{2}$ c. Branded steers sold at  $\frac{9}{2}$ c for butts and heavy Texas and at 9c for Colorados. River heavy native cows sold at  $11\frac{1}{2}$ c and River and Chicago light native cows brought  $14\frac{1}{2}$ c. A car of branded cows sold steady at 11c.

## SMALL PACKER AND COUNTRY

**HIDES:** There was little activity in the small packer market early in the week. The 50-lb. average were quoted at  $12@12\frac{1}{2}$ c depending on shipping point, on a nominal basis. There were a few bids for 46@47-lb. average at  $12\frac{1}{2}$ c. The market for 60-lb. and over average was mixed. There were some sales as low as 8c and 9c, depending on shipping points. In the Midwest, this average was offered at  $10@10\frac{1}{2}$ c, with the middle 60-lb. averages bid at 8c. At favorable midwest points the 60@63-lb. average were offered at 12c. Sellers and buyers were about 1c apart in their ideas in country hides with mixed lots offered at 10c and  $10\frac{1}{2}$ c. A mixed car, including renderers, sold late last week at 9c. Good, plump straight locker butchers were quoted nominally at  $9\frac{1}{2}@10$ c.

**CALFSKINS AND KIPSKINS:** On Friday of last week. River production calfskins sold at 37c and St. Louis lights brought  $37\frac{1}{2}$ c. This week, 6,000 St. Louis heavy and light calf brought 37c. Northern calf was offered at 45c, but no sales were heard at that level early. Some Southeastern kipskins and overweighted sold at  $25\frac{1}{2}$ c and  $21\frac{1}{2}$ c.

**SHEEPSKINS:** The market was slow, with offerings scarce. Inquiry, however, was considered good for shearlings. A car of No. 1 shearlings sold at 1.30. The No. 2 and No. 3 shearlings were reported short in supply and quoted nominally at  $1.10@1.20$  and  $.80@.90$ , respectively. No recent sales of fall clips were heard and offerings were light. Dry pelts last sold at 24c. Pickled skins were mostly unchanged at 10.50 for a mixed car.

## Cold Storage Hide Stocks

End-of-December stocks of hides and pelts in cold storage totaled 69,132,000 lbs., according to the U. S. Department of Agriculture. This was a slight decrease from the 70,140,000 lbs. a month before, but considerably above the 57,391,000 lbs. a year earlier and the five-year, 1948-52 average of 59,388,000 lbs.

## CHICAGO HIDE QUOTATIONS

|                                  | PACKER HIDES        |                        | Cor. Week            |
|----------------------------------|---------------------|------------------------|----------------------|
|                                  | Week ending         | Previous               |                      |
|                                  | Jan. 20, 1954       | Week                   | 1953                 |
| Nat. steers...                   | $11\frac{1}{2}@15n$ | 12 @15n                | $12\frac{1}{2}@17$   |
| Hvy. Texas                       |                     |                        |                      |
| strs. ....                       | $9\frac{1}{2}$      | $10\frac{1}{2}n$       | $10\frac{1}{2}n$     |
| Butt branded                     |                     |                        |                      |
| strs. ....                       | $9\frac{1}{2}$      | $10\frac{1}{2}n$       | $10\frac{1}{2}$      |
| Col. strs. ....                  | 9                   | 10n                    | 10                   |
| Ex. light Tex.                   |                     |                        |                      |
| strs. ....                       | 14n                 | $14\frac{1}{2}n$       | $17\frac{1}{2}n$     |
| Brand'd cows. 11                 | $11\frac{1}{2}$     | 11 @11 $\frac{1}{2}$   | 15                   |
| Hvy. nat. cows. 11 $\frac{1}{2}$ | @12                 | 12 @12 $\frac{1}{2}$   | 13 @13 $\frac{1}{2}$ |
| Lt. nat. cows. 14 $\frac{1}{2}$  | @15                 | 15                     | 16                   |
| Nat. bulls. ...10                | @10 $\frac{1}{2}$ n | 10 @10 $\frac{1}{2}$ n | $9\frac{1}{2}@10n$   |
| Brand'd bulls. ...9              | @9 $\frac{1}{2}$ n  | 9 @9 $\frac{1}{2}$ n   | $8\frac{1}{2}@9n$    |
| Calfskins, Nor.                  |                     |                        |                      |
| 10/15 ....                       | 40n                 | 40n                    | $47\frac{1}{2}@50n$  |
| 10/down ....                     | $42\frac{1}{2}n$    | $42\frac{1}{2}n$       | 45n                  |
| Kips, Nor.                       |                     |                        |                      |
| nat., 15/25.29                   | @29 $\frac{1}{2}$ n | 29 @29 $\frac{1}{2}$ n | $37\frac{1}{2}n$     |
| Kips, Nor.                       |                     |                        |                      |
| Brn'd, 15/25.26 $\frac{1}{2}$    | @27n                | 26 $\frac{1}{2}$ @27n  | 31n                  |

## SMALL PACKER HIDES

| STEERS AND COWS:       |                       | Cor. Week           |
|------------------------|-----------------------|---------------------|
| 60 lbs. and over       | 50 lbs.               |                     |
| 12 @12 $\frac{1}{2}$ n | 12 $\frac{1}{2}$ @13n | $11\frac{1}{2}@12n$ |
|                        |                       | $13\frac{1}{2}@14n$ |

## SMALL PACKER SKINS

| Calfskins, under |        | Cor. Week    |
|------------------|--------|--------------|
| 15 lbs.          | 15/30  |              |
| 25n              | 25n    | 40n          |
| 16@17n           | 16@17n | 20n          |
| 1.25n            | 1.25n  | $1.50@1.65n$ |
| 50n              | 50n    | 50n          |

## SHEEPSKINS

| Packer shearlings, |              | Cor. Week             |
|--------------------|--------------|-----------------------|
| No. 1              | Dry Pelts    |                       |
| 1.25n              | 24n          | 2.35n                 |
|                    |              | 29@29 $\frac{1}{2}$ n |
| Horsehides,        |              | Cor. Week             |
| untmd.             | 10.00@10.50n |                       |
| 10.00@10.50n       | 10.00@10.50n | $8.00@8.50n$          |

## N. Y. HIDE FUTURES

### FRIDAY, JAN. 15, 1954

|           | Open   | High  | Low   | Close  |
|-----------|--------|-------|-------|--------|
| Apr. .... | 14.95b | 15.03 | 14.97 | 15.05b |
| July .... | 15.00b | 15.10 | 15.10 | 15.10b |
| Oct. .... | 15.05b | 15.15 | 15.15 | 15.25b |
| Jan. .... | 15.05b | 15.20 | 15.15 | 15.20  |
| Apr. .... | 15.00  | 15.10 | 15.10 | 15.10b |
| July .... | 15.00  | 15.10 | 15.10 | 15.05b |

Sales: 17 lots.

### MONDAY, JAN. 18, 1954

|           | Open   | High  | Low   | Close      |
|-----------|--------|-------|-------|------------|
| Apr. .... | 14.95b | 15.20 | 15.10 | 15.20 - 19 |
| July .... | 15.00b | 15.15 | 15.15 | 15.25b     |
| Oct. .... | 15.05b | 15.25 | 15.15 | 15.25b     |
| Jan. .... | 15.15b | 15.31 | 15.31 | 15.30b     |
| Apr. .... | 15.10b | 15.09 | 15.09 | 15.20b     |
| July .... | 15.10b | 15.15 | 15.15 | 15.15n     |

Sales: 27 lots.

### TUESDAY, JAN. 19, 1954

|           | Open   | High  | Low   | Close       |
|-----------|--------|-------|-------|-------------|
| Apr. .... | 15.10b | 15.20 | 15.10 | 15.10       |
| July .... | 15.20b | 15.26 | 15.17 | 15.14b- 17a |
| Oct. .... | 15.25b | 15.30 | 15.17 | 15.25b      |
| Jan. .... | 15.30b | 15.20 | 15.20 | 15.20       |
| Apr. .... | 15.22b | 15.13 | 15.12 | 15.10b- 14a |
| July .... | 15.16b | 15.15 | 15.15 | 15.05b- 12a |

Sales: 39 lots.

### WEDNESDAY, JAN. 20, 1954

|           | Open   | High  | Low   | Close       |
|-----------|--------|-------|-------|-------------|
| Apr. .... | 14.90b | 15.06 | 14.95 | 14.96       |
| July .... | 15.00b | 15.13 | 15.05 | 15.10b- 11a |
| Oct. .... | 15.10b | 15.18 | 15.15 | 15.20b- 30a |
| Jan. .... | 15.10b | 15.20 | 15.15 | 15.20b- 40a |
| Apr. .... | 15.05b | 15.15 | 15.05 | 15.20b- 30a |
| July .... | 15.00b | 15.15 | 15.05 | 15.20b- 27a |

Sales: 59 lots.

### THURSDAY, JAN. 21, 1954

|           | Open   | High  | Low   | Close       |
|-----------|--------|-------|-------|-------------|
| Apr. .... | 14.91  | 15.00 | 14.91 | 15.00       |
| July .... | 15.09b | 15.13 | 15.12 | 15.13       |
| Oct. .... | 15.20b | 15.30 | 15.15 | 15.18b- 23a |
| Jan. .... | 15.25b | 15.30 | 15.30 | 15.23b- 30a |
| Apr. .... | 15.20b | 15.30 | 15.15 | 15.18b- 28a |
| July .... | 15.15b | 15.20 | 15.15 | 15.13b- 22a |

Sales: 28 lots.

## CHICAGO HIDE MOVEMENT

Receipts of hides at Chicago for the week ended Jan. 16, 1954, totaled 5,356,000 lbs.; previous week 5,290,000 lbs., same week 1953, 4,974,000 lbs.; 1954 to date, 10,646,000 lbs.; same period 1953, 10,343,000 lbs.

Shipments for the week ended Jan. 16, 1954, totaled 4,413,000 lbs.; previous week, 4,040,000 lbs.; corresponding week 1953, 3,508,000 lbs.; this year to date, 8,453,000 lbs.; corresponding week 1953, 7,896,000 lbs.

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# WEEK'S CLOSING MARKETS

## THURSDAY'S CLOSINGS PROVISIONS

The live hog top at Chicago was \$26.50; average, \$25.50. Provision prices were quoted as follows: Under 12 pork loins, 50; 10/14 green skinned hams, 56½; Boston butts, 45; 16/down pork shoulders, 39 nominal; 3/down spare-ribs, 45 asked; 8/12 fat backs, 13½ @ 14; regular pork trimmings, 26 nominal; 18/20 DS bellies, 30½ nominal; 4/6 green picnics, 36½; 8/up green picnics, 30½ @ 31.

P.S. loose lard was quoted at 14.50 nominal and P.S. lard in tierces at 16.00 nominal.

## COTTONSEED OIL

Closing cottonseed oil futures in New York were quoted as follows: Mar., 14.67b-78a; May, 14.65b-68a; July, 14.55; Sept., 14.00b-10a; Oct., 13.70b-85a; Dec., 13.60b-80a; and Jan., 13.50n.

Sales: 59 lots.

## HOG WEIGHTS AND COST

Average costs and weights of hogs at eight markets during December, 1953, with comparisons:

|                 | BARROWS<br>AND GILTS |              | AVERAGE<br>WTS. (LBS.) |              |
|-----------------|----------------------|--------------|------------------------|--------------|
|                 | Dec.<br>1953         | Dec.<br>1952 | Dec.<br>1953           | Dec.<br>1952 |
| Chicago         | \$24.17              | \$16.91      | 233                    | 236          |
| Kansas City     | 24.30                | 16.97        | 231                    | 232          |
| Omaha           | 23.85                | 16.72        | 237                    | 236          |
| St. Louis Nat'l |                      |              |                        |              |
| Stock Yards     | 24.54                | 17.24        | 220                    | 227          |
| St. Joseph      | 24.08                | 16.84        | 227                    | 226          |
| St. Paul        | 23.93                | 16.53        | 222                    | 228          |
| Sioux City      | 23.76                | 16.95        | 240                    | 232          |
| Indianapolis    | 24.68                | 17.35        | 228                    | 229          |

## CHICAGO PROV. SHIPMENTS

Provision shipment by rail, in the week ended Jan. 16, with comparisons:

|                        | Week<br>Jan. 16 | Previous<br>Week | Cor. Week<br>1953 |
|------------------------|-----------------|------------------|-------------------|
| Cured meats,<br>pounds | 15,774,000      | 17,070,000       | 5,406,000         |
| Fresh meats,<br>pounds | 2,878,700       | 26,327,000       | 2,942,600         |
| Lard, pounds           | 2,794,000       | 1,836,000        | 4,086,000         |

## INTERIOR-IOWA, MINN.

Total receipts of hogs and sheep at interior markets of Iowa and southern Minnesota compared:

|           | Hogs       | Sheep     |
|-----------|------------|-----------|
| Year 1953 | 14,178,000 | 1,685,500 |
| Year 1952 | 15,288,500 | 1,394,200 |

## PHILADELPHIA FRESH MEATS

Tuesday, January 19, 1954

### WESTERN DRESSED

| BEEF (STEER)        | Cwt.          |
|---------------------|---------------|
| Prime, 600/800      | None quoted   |
| Choice, 500/700     | \$41.75@43.50 |
| Choice, 700/900     | 40.50@43.00   |
| Good, 500/700       | 37.00@39.25   |
| Commercial, 350/700 | None quoted   |

| COW:                 |             |
|----------------------|-------------|
| Commercial, all wts. | 27.00@30.00 |
| Utility, all wts.    | 25.50@27.50 |

| VEAL (SKIN OFF):     |             |
|----------------------|-------------|
| Choice, 50/80        | 50.00@52.00 |
| Choice, 80/110       | 50.00@52.00 |
| Choice, 110/150      | 50.00@52.00 |
| Good, 50/80          | 42.00@44.00 |
| Good, 80/110         | 43.00@46.00 |
| Good, 110/150        | 42.00@45.00 |
| Commercial, all wts. | 32.00@39.00 |
| Utility, all wts.    | 25.00@30.00 |

| LAMB:             |             |
|-------------------|-------------|
| Prime, 30/40      | 46.00@48.00 |
| Prime, 40/50      | 45.00@47.00 |
| Prime, 50/60      | 40.00@46.00 |
| Choice, 30/40     | 46.00@48.00 |
| Choice, 40/50     | 44.00@47.00 |
| Choice, 50/60     | 40.00@45.00 |
| Good, all wts.    | 42.00@46.00 |
| Utility, all wts. | 35.00@40.00 |

| MUTTON (EWE):   |             |
|-----------------|-------------|
| Choice, 70/down | 17.00@20.00 |
| Good, 70/down   | 15.00@17.00 |

| PORK CUTS—CHOICE LOINS:    |             |
|----------------------------|-------------|
| (Bladeless included) 8-10  | 55.00@57.00 |
| (Bladeless included) 10-12 | 55.00@57.00 |
| (Bladeless included) 12-16 | 53.00@55.00 |
| Butts, Boston style, 4-8   | 50.00@52.00 |
| SPARERIBS, 3 lbs. down     | 46.00@48.00 |

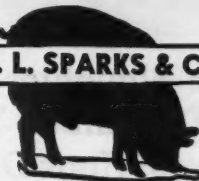
### LOCALLY DRESSED

| STEER BEEF CUTS:    | Prime         | Choice        |
|---------------------|---------------|---------------|
| Hindqtrs., 600/800  | \$54.00@57.00 | \$48.00@53.00 |
| Hindqtrs., 800/900  | 53.00@55.00   | 47.00@51.00   |
| Rd., no flank       | 51.00@54.00   | 51.00@54.00   |
| Hip r'd, with flank | 49.00@52.00   | 49.00@52.00   |
| Full loin, untrmd.  | 55.00@60.00   | 49.00@53.00   |
| Short loin, untrmd. | 72.00@78.00   | 62.00@68.00   |
| Short loin trmd.    | None quoted   | None quoted   |
| Flank               | None quoted   | None quoted   |
| Rib (7 bone)        | 60.00@65.00   | 54.00@58.00   |
| Arm Chuck           | 36.00@39.00   | 36.00@39.00   |
| Brisket             | 33.00@35.00   | 33.00@35.00   |
| Short plates        | 12.00@15.00   | 12.00@15.00   |

## Wholesale Price Indexes

Wholesale price indexes for the week ended January 12, as compiled by the Bureau of Labor Statistics, showed meats at 95.4 per cent, or 4 percentage points above the week before on the basis of the 1947-49 average of 100 per cent for the period. Livestock and related products advanced an average of 1.9 per cent, hides, 3.4 per cent; tallow, 3.3 per cent; while lard declined 5.6 per cent.

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# LIVESTOCK MARKETS

## Weekly Review

### Cattle Slaughter Sets December, Year Records; Hogs Down

Slaughter of livestock under federal inspection in December held fairly close to advance expectations of the trade. Cattle slaughter continued at a high level during the month as did slaughter of calves and sheep, while the month's kill of hogs fell off, perhaps a trifle more than was expected with the year's big season in slaughter of the animals in full swing. Slaughter of cattle set a new record for the month. The December kill of sheep rounded out the first full year of monthly slaughter in excess of a million since 1948.

For the year, cattle slaughter established a new all-time record and a 34 per cent increase over the 1952 figure. The year's kill of calves passed 7,000,000 for the first time since 1947 and showed a gain of about 30 per cent over 1952. Slaughter of hogs was down about 15 per cent below the year before, while the year's butchering of sheep and lambs increased about 15 per cent over that of 1952.

Cattle slaughter under federal inspection for December numbered 1,723,443 head for a small increase over the 1,606,793 in November and 30 per cent more than the 1,251,683 butchered in December, 1952.

Slaughter of calves dropped slightly to 657,313 head from 658,052 in November, but stood about 25 per cent above the 522,786 head butchered in December, 1952. It was also the biggest for the month in several years.

Butchering of hogs in December totaled 5,438,520 head compared with 5,540,389 in November. This was considered an unseasonal decline on the basis of past years, when hog slaughter increased sharply during the month. Compared with the December, 1952 kill, the past month's hog slaughter

was down approximately 33 per cent.

Slaughter of sheep and lambs in December rose to 1,290,038 head from 1,159,318 in November and stood

slightly above the 1,217,557 in December, 1952.

For the year, cattle slaughter stood at an all-time high of 17,699,996 head. The next biggest yearly cattle kill numbered about 15,524,000 in 1947 and last year's kill numbered 13,164,635 head. The year's calf slaughter totaled 7,036,822 head compared with 5,293,818 in 1952 and stood the biggest since 1947. Hog slaughter for the year dropped to 54,057,363 from 62,450,836 last year, while the comparative figures in sheep kill were 14,346,471 and 12,694,022, respectively.

### Iowa Tops in November Hog, Sheep Kill; Illinois, Cattle

A Bureau of Agricultural Economics report on November live stock slaughter by states showed California leading in cattle butchering, with 145,000. Illinois placed second with 138,000 followed by Iowa with 109,000. The 132,000 calf slaughter in Wisconsin placed first, Texas stood second with 130,000 and New York was third with 94,000.

Iowa was first in hog slaughter with 1,240,000 head followed by 664,000 in Illinois and 582,000 for Minnesota. Iowa sheep and lamb slaughter numbered 163,000 head to rank first. Second-place California counted 145,000 head, while New York stood third with 108,000.

### LIVESTOCK CAR LOADINGS

A total of 5,530 cars was loaded with livestock during the week ended January 2, 1954, according to the American Association of Railroads. This was a decrease of 1,037 from the same week of 1953 and 1,762 less than in the like period of 1952.

### BUFFALO LIVESTOCK

Receipts at Buffalo, N. Y., in December, 1953, as reported by the USDA:

|                 | Cattle | Calves | Hogs  | Sheep  |
|-----------------|--------|--------|-------|--------|
| Receipts        | 27,583 | 6,338  | 5,712 | 45,923 |
| Shipments       | 18,095 | 2,995  | 1,905 | 40,840 |
| Local slaughter | 9,493  | 3,343  | 3,717 | 5,093  |

### FEDERALLY INSPECTED SLAUGHTER

| CATTLE    |           |           |
|-----------|-----------|-----------|
|           | 1953      | 1952      |
| January   | 1,313,249 | 1,096,000 |
| February  | 1,170,243 | 985,433   |
| March     | 1,299,485 | 927,471   |
| April     | 1,371,434 | 935,363   |
| May       | 1,344,967 | 1,006,963 |
| June      | 1,450,302 | 965,516   |
| July      | 1,498,214 | 1,100,057 |
| August    | 1,493,951 | 1,134,882 |
| September | 1,644,126 | 1,214,526 |
| October   | 1,781,739 | 1,390,122 |
| November  | 1,698,793 | 1,151,371 |
| December  | 1,723,443 | 1,251,683 |

| CALVES    |         |         |
|-----------|---------|---------|
|           | 1953    | 1952    |
| January   | 453,075 | 352,000 |
| February  | 421,826 | 343,185 |
| March     | 534,719 | 396,990 |
| April     | 540,929 | 405,485 |
| May       | 503,899 | 387,645 |
| June      | 586,043 | 392,299 |
| July      | 615,679 | 430,042 |
| August    | 602,148 | 426,100 |
| September | 687,187 | 496,159 |
| October   | 776,152 | 601,581 |
| November  | 658,052 | 509,736 |
| December  | 657,313 | 522,786 |

| HOGS      |           |           |
|-----------|-----------|-----------|
|           | 1953      | 1952      |
| January   | 6,287,088 | 6,835,000 |
| February  | 4,540,511 | 5,778,840 |
| March     | 4,961,995 | 5,776,319 |
| April     | 4,324,684 | 5,281,069 |
| May       | 3,642,647 | 4,482,337 |
| June      | 3,607,412 | 4,259,011 |
| July      | 3,275,687 | 3,641,292 |
| August    | 3,395,943 | 3,592,147 |
| September | 4,069,370 | 4,290,483 |
| October   | 4,964,187 | 5,492,004 |
| November  | 5,540,389 | 5,771,748 |
| December  | 5,438,520 | 7,250,981 |

| SHEEP AND LAMBS |           |           |
|-----------------|-----------|-----------|
|                 | 1953      | 1952      |
| January         | 1,288,675 | 1,042,000 |
| February        | 1,088,153 | 989,892   |
| March           | 1,190,116 | 971,477   |
| April           | 1,099,502 | 940,886   |
| May             | 1,014,688 | 989,291   |
| June            | 1,055,318 | 925,646   |
| July            | 1,108,021 | 908,080   |
| August          | 1,157,615 | 1,062,816 |
| September       | 1,366,162 | 1,243,135 |
| October         | 1,523,873 | 1,426,510 |
| November        | 1,159,318 | 1,069,468 |
| December        | 1,290,038 | 1,217,557 |

| YEAR'S TOTALS |            |            |
|---------------|------------|------------|
|               | 1953       | 1952       |
| Cattle        | 17,699,996 | 13,164,635 |
| Calves        | 7,036,822  | 5,293,818  |
| Hogs          | 54,057,363 | 62,450,836 |
| Sheep         | 14,346,471 | 12,694,022 |

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## LIVESTOCK PRICES AT LEADING MARKETS

Livestock prices at five western markets on Monday, January 18, were reported by the Production and Marketing Administration as follows:

St. L. N.S. Yds Chicago Kansas City Omaha St. Paul\*

HOGS (Includes Bulk of Sales):

BARROWS & GILTS:

| Choice:          | St. L.        | N.S. Yds    | Chicago     | Kansas City | Omaha       | St. Paul*     |
|------------------|---------------|-------------|-------------|-------------|-------------|---------------|
| 120-140 lbs. ... | None rec.     | None rec.   | None rec.   | None rec.   | None rec.   | None rec.     |
| 140-160 lbs. ... | \$25.25-26.25 | None rec.   | None rec.   | None rec.   | None rec.   | \$25.25-26.50 |
| 160-180 lbs. ... | 26.00-26.65   | 24.50-26.25 | ...         | 23.50-25.75 | 25.25-27.00 | ...           |
| 180-200 lbs. ... | 26.25-26.65   | 25.75-26.50 | 26.25-26.60 | 25.75-26.35 | 25.25-27.25 | ...           |
| 200-220 lbs. ... | 26.25-26.65   | 25.75-26.50 | 26.25-26.80 | 25.75-26.35 | 25.25-27.00 | ...           |
| 220-240 lbs. ... | 25.75-26.65   | 25.35-26.25 | 26.25-26.60 | 25.75-26.35 | 25.25-27.00 | ...           |
| 240-270 lbs. ... | 24.75-26.00   | 24.90-25.25 | 25.50-26.25 | 24.50-26.00 | 24.00-25.50 | ...           |
| 270-300 lbs. ... | 23.75-25.00   | 24.15-25.25 | None rec.   | 23.50-24.50 | 24.00-25.50 | ...           |
| 300-330 lbs. ... | 23.50-24.25   | 23.75-24.50 | None rec.   | None rec.   | None rec.   | ...           |
| 330-360 lbs. ... | None rec.     | None rec.   | None rec.   | None rec.   | None rec.   | ...           |

Medium:

|                  |           |           |           |             |           |     |
|------------------|-----------|-----------|-----------|-------------|-----------|-----|
| 160-220 lbs. ... | None rec. | None rec. | None rec. | 21.50-25.00 | None rec. | ... |
|------------------|-----------|-----------|-----------|-------------|-----------|-----|

BOWS:

| Choice:          | St. L.      | N.S. Yds    | Chicago     | Kansas City | Omaha       | St. Paul*   |
|------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 270-300 lbs. ... | 23.50-Only  | 23.25-23.50 | 23.00-23.25 | 22.00-23.50 | 22.75-23.25 | 22.50-23.00 |
| 300-330 lbs. ... | 23.50-Only  | 23.25-23.50 | 22.75-23.25 | 22.00-23.50 | 22.50-23.00 | 22.50-23.00 |
| 330-360 lbs. ... | 23.00-23.50 | 23.00-23.25 | 22.75-23.00 | 22.00-23.50 | 22.00-22.50 | 22.00-22.50 |
| 360-400 lbs. ... | 22.50-23.00 | 22.75-23.25 | 22.25-22.75 | 22.00-23.50 | 21.25-22.00 | 21.25-22.00 |
| 400-450 lbs. ... | 22.00-22.50 | 22.25-23.00 | 21.75-22.25 | 20.50-22.25 | 20.50-21.00 | 20.50-21.00 |
| 450-550 lbs. ... | 21.50-22.25 | 21.25-22.50 | 21.50-21.75 | 20.50-22.25 | None rec.   | None rec.   |

Medium:

|                  |           |           |           |             |           |     |
|------------------|-----------|-----------|-----------|-------------|-----------|-----|
| 250-500 lbs. ... | None rec. | None rec. | None rec. | 19.50-22.00 | None rec. | ... |
|------------------|-----------|-----------|-----------|-------------|-----------|-----|

SLAUGHTER CATTLE & CALVES:

STEERS:

| Prime:             | St. L.      | N.S. Yds    | Chicago     | Kansas City | Omaha       | St. Paul* |
|--------------------|-------------|-------------|-------------|-------------|-------------|-----------|
| 700-900 lbs. ...   | 25.50-28.00 | 25.00-28.00 | 25.25-27.75 | 25.50-27.75 | 26.00-28.00 | ...       |
| 900-1100 lbs. ...  | 26.00-28.50 | 26.50-30.50 | 26.75-28.50 | 26.00-28.25 | 26.00-28.50 | ...       |
| 1100-1300 lbs. ... | 26.00-28.50 | 27.25-30.50 | 26.75-28.50 | 26.25-28.50 | 26.00-28.50 | ...       |
| 1300-1500 lbs. ... | 26.00-28.00 | 27.25-30.50 | 26.50-28.50 | 26.00-28.50 | 25.50-28.00 | ...       |

Choice:

|                    |             |             |             |             |             |     |
|--------------------|-------------|-------------|-------------|-------------|-------------|-----|
| 700-900 lbs. ...   | 22.00-26.00 | 22.00-26.50 | 22.25-25.50 | 22.00-25.50 | 22.50-26.00 | ... |
| 900-1100 lbs. ...  | 22.50-26.00 | 23.00-27.25 | 22.50-25.75 | 22.00-25.50 | 23.00-26.00 | ... |
| 1100-1300 lbs. ... | 22.50-26.00 | 23.25-27.25 | 22.50-25.75 | 21.25-25.50 | 22.50-26.00 | ... |
| 1300-1500 lbs. ... | 22.50-26.00 | 23.50-27.25 | 22.50-25.75 | 21.25-25.50 | 22.50-26.00 | ... |

Good:

|                    |             |             |             |             |             |     |
|--------------------|-------------|-------------|-------------|-------------|-------------|-----|
| 700-900 lbs. ...   | 19.50-22.50 | 19.50-23.00 | 19.00-22.50 | 18.50-22.00 | 19.00-23.00 | ... |
| 900-1100 lbs. ...  | 20.00-22.50 | 20.00-23.25 | 19.00-22.50 | 18.50-22.00 | 19.00-23.00 | ... |
| 1100-1300 lbs. ... | 20.00-22.50 | 20.50-23.50 | 19.25-22.50 | 18.50-22.00 | 19.00-23.00 | ... |

Commercial,

|                       |             |             |             |             |             |     |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-----|
| all wts. ....         | 17.50-20.00 | 16.00-20.50 | 16.50-19.25 | 15.50-18.50 | 15.00-19.00 | ... |
| Utility, all wts. ... | 15.00-17.50 | 14.00-16.00 | 13.50-16.50 | 13.50-15.50 | 13.00-15.00 | ... |

HEIFERS:

| Prime:            | St. L.      | N.S. Yds    | Chicago     | Kansas City | Omaha       | St. Paul* |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----------|
| 600-800 lbs. ...  | 24.50-26.50 | 24.00-25.25 | 23.50-25.50 | 23.50-25.00 | 24.00-25.50 | ...       |
| 800-1000 lbs. ... | 24.50-26.50 | 25.00-26.50 | 23.75-26.00 | 23.50-25.00 | 24.00-25.50 | ...       |

Choice:

|                   |             |             |             |             |             |     |
|-------------------|-------------|-------------|-------------|-------------|-------------|-----|
| 600-800 lbs. ...  | 21.50-24.50 | 20.50-25.00 | 20.50-23.75 | 20.25-23.50 | 21.00-24.00 | ... |
| 800-1000 lbs. ... | 21.50-24.50 | 21.50-25.00 | 20.50-23.75 | 20.25-23.50 | 21.00-24.00 | ... |

Good:

|                  |             |             |             |             |             |     |
|------------------|-------------|-------------|-------------|-------------|-------------|-----|
| 500-700 lbs. ... | 18.50-21.50 | 17.50-21.50 | 17.50-20.50 | 16.50-20.25 | 18.50-21.00 | ... |
| 700-900 lbs. ... | 18.50-21.50 | 18.50-21.50 | 18.00-20.50 | 16.50-20.25 | 18.50-21.00 | ... |

Commercial,

|                       |             |             |             |             |             |     |
|-----------------------|-------------|-------------|-------------|-------------|-------------|-----|
| all wts. ....         | 15.50-18.50 | 14.50-18.50 | 15.00-18.00 | 14.50-16.50 | 14.50-18.50 | ... |
| Utility, all wts. ... | 12.50-15.50 | 12.00-14.50 | 12.00-15.00 | 11.75-14.50 | 12.00-14.00 | ... |

COWS:

|                       |               |             |             |             |             |             |
|-----------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Commercial,           | all wts. .... | 12.50-14.50 | 12.50-14.50 | 12.50-14.00 | 12.50-14.00 | 12.50-14.50 |
| Utility, all wts. ... | 11.50-12.50   | 11.00-12.75 | 11.25-12.50 | 10.75-12.50 | 11.00-12.50 | ...         |
| Canner & cutter,      | all wts. .... | 8.00-12.00  | 9.25-11.25  | 9.00-11.25  | 8.50-10.75  | 9.00-11.00  |

BULLS (Yrns. Excl.) All Weights:

|                |             |             |             |             |             |     |
|----------------|-------------|-------------|-------------|-------------|-------------|-----|
| Good .....     | None rec.   | 12.50-14.50 | None rec.   | 11.00-13.50 | 13.50-14.00 | ... |
| Commercial ... | 13.50-14.50 | 15.00-16.00 | 14.00-15.00 | 14.00-15.50 | 13.50-14.50 | ... |
| Utility .....  | 12.50-13.50 | 12.50-15.00 | 13.00-14.00 | 12.50-14.00 | 13.50-14.50 | ... |
| Cutter .....   | 10.00-12.50 | 10.50-12.50 | 10.00-13.00 | 10.50-12.50 | 13.50-15.50 | ... |

VEALERS, All Weights:

|                  |             |             |             |             |             |     |
|------------------|-------------|-------------|-------------|-------------|-------------|-----|
| Choice & prime.. | 24.00-33.00 | 25.00-30.00 | 22.00-25.00 | 22.00-25.00 | 25.00-29.00 | ... |
| Com'l & good...  | 16.00-24.00 | 18.00-28.00 | 14.00-22.00 | 15.00-22.00 | 18.00-25.00 | ... |

CALVES (500 Lbs. Down):

|                  |             |             |             |             |             |     |
|------------------|-------------|-------------|-------------|-------------|-------------|-----|
| Choice & prime.. | 18.00-23.00 | 20.00-25.00 | 17.00-19.00 | 19.00-22.50 | 20.00-24.00 | ... |
| Com'l & good...  | 14.00-18.00 | 16.00-20.00 | 12.00-17.00 | 14.00-19.00 | 17.00-20.00 | ... |

SHEEP & LAMBS:

LAMBS (110 Lbs. Down) (Wooled):

|                  |             |             |             |             |             |     |
|------------------|-------------|-------------|-------------|-------------|-------------|-----|
| Choice & prime.. | 20.50-21.50 | 20.75-21.75 | 20.00-20.75 | 20.50-20.75 | 21.00-21.75 | ... |
| Good & choice... | 4.00-5.00   | 6.50-8.00   | None rec.   | 7.50-8.25   | 6.00-7.00   | ... |

EWES:

|                  |           |           |           |           |           |     |
|------------------|-----------|-----------|-----------|-----------|-----------|-----|
| Good & choice..  | 4.00-5.00 | 6.50-8.00 | None rec. | 7.50-8.25 | 6.00-7.00 | ... |
| Good & utility.. | 3.00-4.00 | 5.00-6.50 | None rec. | 5.00-7.50 | 4.00-5.75 | ... |

\*Jan. 19 prices.

## LIVESTOCK PRICES AT 11 CANADIAN MARKETS

Average price per cwt. paid for specific grades of steers, calves, hogs and lambs at 11 leading markets in Canada during the week ended January 9, compared with the same time 1953, was reported to THE NATIONAL PROVISIONER by the Canadian Department of Agriculture as follows:

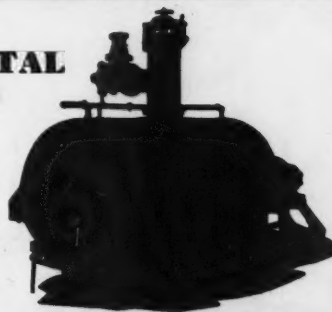
| STOCK-YARDS      | GOOD STEERS Up to 1000 lbs. |         | VEAL CALVES Good and Choice |         | HOGS* Grade B <sup>1</sup> Dressed |         | LAMBS Good Handyweights |         |
|------------------|-----------------------------|---------|-----------------------------|---------|------------------------------------|---------|-------------------------|---------|
|                  | 1954                        | 1953    | 1954                        | 1953    | 1954                               | 1953    | 1954                    | 1953    |
| Toronto .....    | \$18.31                     | \$23.50 | \$25.50                     | \$23.34 | \$33.60                            | \$26.27 | \$23.27                 | \$25.58 |
| Montreal .....   | 19.50                       | 23.75   | 27.00                       | 29.50   | 34.10                              | 25.80   | 19.55                   | 21.10   |
| Winnipeg .....   | 17.04                       | 22.97   | 26.11                       | 28.69   | 30.10                              | 21.85   | 20.00                   | 22.18   |
| Calgary .....    | 17.06                       | 22.53   | 19.54                       | 23.50   | 32.00                              | 22.85   | 19.18                   | 21.87   |
| Edmonton .....   | 17.00                       | 22.00   | 21.50                       | 30.00   | 32.60                              | 23.35   | 19.75                   | 21.00   |
| Lethbridge ..... | 17.20                       | 22.60   | 16.17                       | 21.50   | 31.85                              | 22.60   | 19.82                   | 21.50   |
| Fr. Albert ..... | 16.70                       | 20.50   | 22.00                       | 21.50   | 29.10                              | 20.35   | ...                     | ...     |
| Moose Jaw .....  | 18.50                       | 21.75   | 15.00                       | 23.00   | 29.10                              | 21.60   | 15.00                   | 17.50   |
| Saskatoon .....  | 17.00                       | 20.00   | 23.00                       | 24.00   | 29.10                              | 20.60   | 18.10                   | 20.10   |
| Regina .....     | 15.75                       | 21.70   | 21.25                       | 21.70   | 20.10                              | 21.60   | 16.00                   | ...     |
| Vancouver .....  | 18.00                       | 22.75   | 17.50                       | 21.50   | ...                                | 24.25   | ...                     | ...     |

\*Dominion Government premiums not included.

## FRENCH HORIZONTAL MELTERS

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## SLAUGHTER REPORTS

Special reports to THE NATIONAL PROVISIONER, showing the number of livestock slaughtered at 13 centers.

### CATTLE

|                         | Week ended | Prev. Week | Cor.    |
|-------------------------|------------|------------|---------|
|                         | Jan. 16    | Week       | 1953    |
| Chicago†                | 28,607     | 27,244     | 23,219  |
| Kansas City†            | 21,020     | 17,723     | 22,310  |
| Omaha*†                 | 33,662     | 32,297     | 27,262  |
| E. St. Louis†           | 13,172     | 15,292     | 11,348  |
| St. Joseph†             | 13,143     | 13,263     | 10,246  |
| St. Louis†              | 12,601     | 11,234     | 11,368  |
| Wichita*†               | 6,424      | 6,615      | 5,101   |
| New York & Jersey City† | 11,610     | 11,801     | 9,590   |
| Okl. City*†             | 8,552      | 9,184      | 8,956   |
| Cincinnati†             | 5,345      | 5,795      | 5,070   |
| Denver†                 | 13,449     | 10,982     | 12,669  |
| St. Paul†               | 19,201     | 27,137     | 13,724  |
| Milwaukee†              | 4,767      | 5,017      | 805     |
| Total                   | 191,543    | 193,614    | 161,668 |

### HOGS

|                         |         |         |         |
|-------------------------|---------|---------|---------|
| Chicago†                | 36,694  | 35,046  | 52,415  |
| Kansas City†            | 9,458   | 12,378  | 13,453  |
| Omaha*†                 | 41,193  | 49,038  | 69,169  |
| E. St. Louis†           | 21,309  | 23,094  | 39,624  |
| St. Joseph†             | 24,888  | 28,921  | 37,561  |
| St. Louis†              | 32,480  | 42,162  | 44,596  |
| Wichita*†               | 8,840   | 8,959   | 11,989  |
| New York & Jersey City† | 45,406  | 44,158  | 54,127  |
| Okl. City*†             | 12,041  | 14,070  | 14,832  |
| Cincinnati†             | 13,516  | 12,501  | 15,135  |
| Denver†                 | 13,534  | 2,157   | 20,928  |
| St. Paul†               | 35,986  | 59,467  | 57,716  |
| Milwaukee†              | 3,599   | 4,977   | 6,070   |
| Total                   | 299,834 | 327,928 | 437,615 |

### SHEEP

|                         |         |         |         |
|-------------------------|---------|---------|---------|
| Chicago†                | 11,783  | 9,330   | 15,040  |
| Kansas City†            | 4,409   | 3,964   | 9,182   |
| Omaha*†                 | 17,073  | 14,411  | 19,183  |
| E. St. Louis†           | 5,707   | 7,168   | 6,315   |
| St. Joseph†             | 17,358  | 13,114  | 9,934   |
| St. Louis†              | 12,489  | 10,723  | 4,817   |
| Wichita*†               | 2,065   | 1,419   | 1,418   |
| New York & Jersey City† | 50,420  | 50,933  | 49,837  |
| Okl. City*†             | 2,924   | 3,728   | 3,812   |
| Cincinnati†             | 523     | 816     | 756     |
| Denver†                 | 10,189  | 487     | 10,583  |
| St. Paul†               | 9,102   | 6,356   | 6,756   |
| Milwaukee†              | 1,336   | 1,756   | 1,854   |
| Total                   | 135,378 | 124,199 | 138,482 |

\*Cattle and calves.  
†Federally inspected slaughter, including direct.  
‡Stockyards sales for local slaughter.  
§Stockyards receipts for local slaughter, including direct.

## BALTIMORE LIVESTOCK

Livestock prices at Baltimore, Md., on Wednesday, Jan. 20, were as follows:

### CATTLE:

|                             |              |
|-----------------------------|--------------|
| Steers, gd. to prime...     | None rec.    |
| Steers, good & ch. ...      | \$22.00 only |
| Heifers, choice ...         | 22.00@23.50  |
| Heifers, util. & com'l. ... | None rec.    |
| Cows, util. & com'l. ...    | 11.00@13.00  |
| Cows, canner, cutter ...    | 9.00@11.00   |
| Bulls, good ...             | None rec.    |
| Bulls, cut. to com'l. ...   | 10.00@17.00  |

### VEALERS:

|                    |               |
|--------------------|---------------|
| Choice & prime ... | \$32.00@34.00 |
| Good & choice ...  | 30.00@32.00   |
| Com'l & good ...   | 20.00@30.00   |

### HOGS:

|                        |             |
|------------------------|-------------|
| Gd. & ch., 180/240 ... | 26.75@27.00 |
| Sows, 400/down ...     | 22.00@22.25 |

### LAMBS:

|                   |           |
|-------------------|-----------|
| Good to prime ... | None rec. |
|-------------------|-----------|

## NEW YORK RECEIPTS

Receipt of salable livestock at Jersey City and 41st st., New York market for week ended January 16:

|                      | Cattle | Calves | Hogs   | Sheep* |
|----------------------|--------|--------|--------|--------|
| Salable              | 277    | 364    | ...    | ...    |
| Total (incl. direct) | 8,821  | 5,210  | 28,784 | 32,031 |
| Prev. week:          |        |        |        |        |
| Salable              | 259    | 335    | ...    | 1      |
| Total (incl. direct) | 6,337  | 3,259  | 17,618 | 27,590 |

\*Including hogs at 31st st.

## CHICAGO LIVESTOCK

Supplies of livestock at the Chicago Union Stockyards for current and comparative periods:

### RECEIPTS

|  | Cattle | Calves | Hogs   | Sheep  |
|--|--------|--------|--------|--------|
| Jan. 14  | 3,785  | 410    | 13,727 | 1,797  |
| Jan. 15  | 1,740  | 111    | 6,738  | 401    |
| Jan. 16  | 284    | ...    | 4,092  | 756    |
| Jan. 18  | 20,554 | 454    | 13,549 | 2,998  |
| Jan. 19  | 9,000  | 500    | 15,000 | 3,000  |
| Jan. 20  | 13,000 | 400    | 13,500 | 3,000  |
| *Week so far   | 42,554 | 1,354  | 42,049 | 8,998  |
| Wk. ago.   | 46,509 | 1,587  | 43,405 | 16,061 |
| Yr. ago.   | 35,251 | 929    | 46,674 | 11,819 |
| 2 yrs. ago.  | 29,087 | 778    | 52,480 | 10,632 |
| *Including 298 cattle, 9,596 hogs and 111 sheep direct to packers. |        |        |        |        |

### SHIPMENTS

|             |        |     |        |       |
|-------------|--------|-----|--------|-------|
| Jan. 14     | 3,206  | 31  | 3,406  | 2,310 |
| Jan. 15     | 1,936  | 169 | 1,852  | 1,086 |
| Jan. 16     | 385    | ... | 253    | 249   |
| Jan. 18     | 5,429  | ... | 3,577  | 1,382 |
| Jan. 19     | 4,000  | ... | 3,000  | 1,000 |
| Jan. 20     | 6,000  | ... | 4,000  | 1,000 |
| Week so far | 15,429 | ... | 10,577 | 3,382 |
| Wk. ago.    | 18,554 | 237 | 8,068  | 6,204 |
| Yr. ago.    | 11,276 | 170 | 6,751  | 3,522 |
| 2 yrs. ago. | 11,276 | 27  | 7,676  | 2,582 |

### JANUARY RECEIPTS

|        | 1954    | 1953    |
|--------|---------|---------|
| Cattle | 142,823 | 119,003 |
| Calves | 5,761   | 4,376   |
| Hogs   | 184,349 | 260,895 |
| Sheep  | 45,407  | 78,683  |

### JANUARY SHIPMENTS

|        | 1954   | 1953   |
|--------|--------|--------|
| Cattle | 61,148 | 49,084 |
| Hogs   | 42,199 | 70,965 |
| Sheep  | 23,015 | 26,288 |

## CHICAGO HOG PURCHASES

Supplies of hogs purchased at Chicago, week ended Wed., Jan. 20:

|                  | Week ended | Week ended |
|------------------|------------|------------|
|                  | Jan. 20    | Jan. 13    |
| Packers' purch.  | 38,800     | 36,128     |
| Shippers' purch. | 12,212     | 15,529     |
| Total            | 50,512     | 51,657     |

## LIVESTOCK PRICES AT LOS ANGELES

Prices paid for livestock at Los Angeles on Wednesday, Jan. 20, were reported as shown in the table below:

### CATTLE:

|                           |             |
|---------------------------|-------------|
| Steers, choice & pr...    | None rec.   |
| Steers, good & ch. ...    | 22.50@23.50 |
| Steers, com'l & gd. ...   | 20.25@21.00 |
| Heifers, com'l & gd. ...  | 17.50@20.50 |
| Heifers, com'l ...        | 16.00 only  |
| Cows, util. & com'l. ...  | 11.00@14.00 |
| Cows, cut. & util. ...    | 10.00@12.00 |
| Cows, can. & cut. ...     | 8.00@10.50  |
| Bulls, util. & com'l. ... | 13.50@16.00 |

### CALVES:

|                         |               |
|-------------------------|---------------|
| Vealers, good & ch. ... | \$19.50@21.50 |
| Com'l to good ...       | 17.00@19.00   |
| Culls & utility ...     | 12.00@16.00   |

### HOGS:

|                     |               |
|---------------------|---------------|
| Choice, 190/230 ... | \$26.00@27.00 |
| Sows, 500/down ...  | 19.50@21.00   |

### SHEEP:

|                 |           |
|-----------------|-----------|
| Lambs, good ... | None rec. |
|-----------------|-----------|

## CANADIAN KILL

Inspected slaughter in Canada for week ended Jan. 9:

### CATTLE

|                | Period Jan. 9 | Same Wk. Last yr. |
|----------------|---------------|-------------------|
| Western Canada | 16,011        | 15,500            |
| Eastern Canada | 16,823        | 16,359            |
| Total          | 32,639        | 31,859            |

### HOGS

|                |        |         |
|----------------|--------|---------|
| Western Canada | 56,260 | 94,300  |
| Eastern Canada | 39,340 | 64,183  |
| Total          | 95,600 | 158,483 |

|                          |         |         |
|--------------------------|---------|---------|
| All hog carcasses graded | 102,211 | 160,938 |
|--------------------------|---------|---------|

### SHEEP

|                |       |       |
|----------------|-------|-------|
| Western Canada | 2,957 | 3,079 |
| Eastern Canada | 3,527 | 3,639 |
| Total          | 6,514 | 6,768 |



## PACKERS' PURCHASES

Purchases of livestock by packers at principal centers for the week ending Saturday, January 16, 1954, as reported to The National Provisioner:

### CHICAGO

Armour, 6,526 hogs; Wilson, 5,244 hogs; Agar, 11,013 hogs; Shippers, 13,309 hogs; and Others, 13,821 hogs.  
Total, 28,007 cattle; 2,006 calves; 50,203 hogs; and 11,783 sheep.

### KANSAS CITY

|               | Cattle        | Calves       | Hogs         | Sheep        |
|---------------|---------------|--------------|--------------|--------------|
| Armour        | 4,075         | 1,335        | 980          | 1,527        |
| Swift         | 3,822         | 924          | 3,233        | 1,796        |
| Wilson        | 1,980         | 21           | 3,714        | ...          |
| Butchers      | 7,452         | 1            | 1,139        | ...          |
| <b>Totals</b> | <b>18,739</b> | <b>2,281</b> | <b>9,458</b> | <b>4,400</b> |

### OMAHA

|               | Cattle        | Calves        | Hogs          | Sheep |
|---------------|---------------|---------------|---------------|-------|
| Armour        | 8,306         | 7,224         | 5,044         | ...   |
| Cudahy        | 5,903         | 9,435         | 2,979         | ...   |
| Swift         | 7,315         | 8,926         | 4,156         | ...   |
| Wilson        | 3,321         | 7,144         | 3,211         | ...   |
| Cornhusker    | 963           | ...           | ...           | ...   |
| O'Neill       | 505           | ...           | ...           | ...   |
| Neb. Beef     | 595           | ...           | ...           | ...   |
| Engle         | 96            | ...           | ...           | ...   |
| Gr. Omaha     | 704           | ...           | ...           | ...   |
| Hoffman       | ...           | ...           | ...           | ...   |
| Rothschild    | 679           | ...           | ...           | ...   |
| Roth          | 1,634         | ...           | ...           | ...   |
| Kingan        | 1,437         | ...           | ...           | ...   |
| Merchants     | 155           | ...           | ...           | ...   |
| Mid West      | 189           | ...           | ...           | ...   |
| Omaha         | 438           | ...           | ...           | ...   |
| Union         | 659           | ...           | ...           | ...   |
| Others        | ...           | 14,113        | ...           | ...   |
| <b>Totals</b> | <b>32,599</b> | <b>46,852</b> | <b>15,390</b> | ...   |

### E. ST. LOUIS

|               | Cattle        | Calves       | Hogs          | Sheep        |
|---------------|---------------|--------------|---------------|--------------|
| Armour        | 4,397         | 1,073        | 5,372         | 3,498        |
| Swift         | 4,408         | 1,475        | 7,878         | 2,200        |
| Hunter        | 1,219         | ...          | 4,482         | ...          |
| Hell          | ...           | ...          | 2,394         | ...          |
| Krey          | ...           | ...          | 107           | ...          |
| Lacleda       | ...           | ...          | 1,016         | ...          |
| Luer          | ...           | ...          | ...           | ...          |
| <b>Totals</b> | <b>10,024</b> | <b>3,148</b> | <b>21,409</b> | <b>6,707</b> |

### ST. JOSEPH

|               | Cattle        | Calves       | Hogs          | Sheep         |
|---------------|---------------|--------------|---------------|---------------|
| Swift         | 4,368         | 370          | 8,946         | 7,852         |
| Armour        | 4,894         | 993          | 6,232         | 3,281         |
| Others        | 5,474         | 51           | 2,674         | 522           |
| <b>Totals</b> | <b>14,736</b> | <b>1,414</b> | <b>17,852</b> | <b>11,655</b> |

Do not include 81 cattle, 6 calves 9,710 hogs, and 6,225 sheep direct to packers.

### ST. LOUIS

|               | Cattle        | Calves   | Hogs          | Sheep         |
|---------------|---------------|----------|---------------|---------------|
| Armour        | 5,393         | 1        | 8,946         | 4,725         |
| Cudahy        | 3,059         | ...      | 15,357        | 2,577         |
| Swift         | 3,579         | ...      | 8,145         | 3,054         |
| Butchers      | 508           | ...      | ...           | ...           |
| Others        | 9,064         | ...      | 17,515        | 1,857         |
| <b>Totals</b> | <b>22,153</b> | <b>1</b> | <b>49,953</b> | <b>12,043</b> |

### WICHITA

|               | Cattle       | Calves     | Hogs         | Sheep        |
|---------------|--------------|------------|--------------|--------------|
| Cudahy        | 2,424        | 715        | 1,310        | 2,065        |
| Kansas        | 809          | ...        | ...          | ...          |
| Dunn          | 111          | ...        | ...          | ...          |
| Doid          | 181          | ...        | 202          | ...          |
| Snower        | 10           | ...        | 34           | ...          |
| Pioneer       | ...          | ...        | ...          | ...          |
| Excel         | 602          | ...        | ...          | ...          |
| Others        | 1,442        | ...        | 175          | 719          |
| <b>Totals</b> | <b>5,773</b> | <b>715</b> | <b>1,721</b> | <b>2,784</b> |

### OKLAHOMA CITY

|               | Cattle       | Calves     | Hogs         | Sheep        |
|---------------|--------------|------------|--------------|--------------|
| Armour        | 3,591        | 216        | 385          | 1,075        |
| Wilson        | 2,831        | 191        | 538          | 689          |
| Butchers      | 212          | 2          | 1,019        | ...          |
| <b>Totals</b> | <b>6,634</b> | <b>409</b> | <b>1,942</b> | <b>1,764</b> |

\*Do not include 1,509 cattle, 10,099 hogs, and 1,160 sheep direct to packers.

### LOS ANGELES

|               | Cattle       | Calves       | Hogs         | Sheep |
|---------------|--------------|--------------|--------------|-------|
| Armour        | 646          | 135          | ...          | ...   |
| Cudahy        | ...          | ...          | ...          | ...   |
| Swift         | ...          | ...          | ...          | ...   |
| Wilson        | ...          | ...          | ...          | ...   |
| Atlas         | 1,136        | ...          | ...          | ...   |
| Acme          | 435          | ...          | ...          | ...   |
| Ideal         | 778          | ...          | ...          | ...   |
| United        | 1,106        | ...          | ...          | ...   |
| Macblin       | 798          | ...          | 18           | ...   |
| Gr. West      | 541          | ...          | ...          | ...   |
| Commercial    | 512          | ...          | ...          | ...   |
| Clougherty    | ...          | ...          | 741          | ...   |
| Conant        | 508          | ...          | ...          | ...   |
| Others        | 2,548        | 1,042        | 1,181        | ...   |
| <b>Totals</b> | <b>9,138</b> | <b>1,195</b> | <b>1,822</b> | ...   |

## CINCINNATI

|               | Cattle       | Calves     | Hogs          | Sheep      |
|---------------|--------------|------------|---------------|------------|
| Gall          | ...          | ...        | ...           | 330        |
| Kahn          | ...          | ...        | ...           | ...        |
| Meyer         | ...          | ...        | ...           | ...        |
| Schlachter    | 120          | 35         | ...           | 23         |
| Others        | 4,293        | 859        | 11,813        | 169        |
| <b>Totals</b> | <b>4,413</b> | <b>892</b> | <b>11,813</b> | <b>522</b> |

## DENVER

|               | Cattle       | Calves     | Hogs          | Sheep         |
|---------------|--------------|------------|---------------|---------------|
| Armour        | 2,328        | 91         | 2,760         | 7,052         |
| Swift         | 2,334        | 148        | 5,215         | 4,101         |
| Cudahy        | 1,945        | 112        | 2,971         | 156           |
| Wilson        | 529          | ...        | ...           | ...           |
| Others        | 3,282        | 200        | 2,577         | 606           |
| <b>Totals</b> | <b>9,518</b> | <b>548</b> | <b>13,523</b> | <b>11,918</b> |

## ST. PAUL

|               | Cattle        | Calves        | Hogs          | Sheep         |
|---------------|---------------|---------------|---------------|---------------|
| Armour        | 5,598         | 4,027         | 11,624        | 4,107         |
| Bartusch      | 1,132         | ...           | ...           | ...           |
| Cudahy        | 1,230         | 191           | ...           | 1,222         |
| Riffin        | 1,016         | 27            | ...           | ...           |
| Superior      | 2,054         | ...           | ...           | ...           |
| Swift         | 1,171         | 3,957         | 24,362        | 3,773         |
| Others        | 2,137         | 3,546         | 8,968         | 3,975         |
| <b>Totals</b> | <b>21,338</b> | <b>11,748</b> | <b>44,074</b> | <b>13,077</b> |

## FORT WORTH

|               | Cattle       | Calves       | Hogs       | Sheep         |
|---------------|--------------|--------------|------------|---------------|
| Armour        | 2,162        | 1,871        | 112        | 7,441         |
| Swift         | 1,992        | 1,842        | 501        | 6,787         |
| Bl. Bonnet    | 413          | 23           | 129        | ...           |
| City          | 258          | ...          | ...        | ...           |
| Rosenthal     | 134          | 9            | ...        | ...           |
| <b>Totals</b> | <b>4,959</b> | <b>3,245</b> | <b>742</b> | <b>14,228</b> |

## TOTAL PACKER PURCHASES

|        | Week Ended Jan. 16 | Prev. Week | Cor. 1953 |
|--------|--------------------|------------|-----------|
| Cattle | 186,831            | 182,123    | 169,607   |
| Hogs   | 271,633            | 303,809    | 414,996   |
| Sheep  | 107,202            | 88,261     | 104,114   |

## LIVESTOCK RECEIPTS

Receipts at 20 markets for the week ended January 15 with comparisons, are shown in the following table:

|               | Cattle  | Hogs      | Sheep   |
|---------------|---------|-----------|---------|
| Week to date  | 329,000 | 454,000   | 171,000 |
| Previous week | 326,000 | 497,000   | 176,000 |
| Same wk 1953  | 296,000 | 636,000   | 193,000 |
| 1954 to date  | 656,000 | 952,000   | 348,000 |
| 1953 to date  | 602,000 | 1,476,000 | 400,000 |

## PACIFIC COAST LIVESTOCK

Receipts at leading Pacific Coast markets, week ending Jan. 14:

|              |       |       |       |       |
|--------------|-------|-------|-------|-------|
| Los Angeles  | 9,850 | 2,075 | 1,750 | 400   |
| N. Portland  | 2,985 | 500   | 1,740 | 2,535 |
| S. Francisco | 1,325 | 175   | 1,150 | 1,950 |

## CORN BELT DIRECT TRADING

Des Moines, Ia., Jan. 20—Prices at the ten concentration yards and 11 packing plants in Iowa and Minnesota were:

Hogs, good to choice:

|              |               |
|--------------|---------------|
| 160-180 lbs. | \$22.25@24.85 |
| 180-240 lbs. | 24.25@25.65   |
| 240-300 lbs. | 23.30@25.60   |
| 300-400 lbs. | 22.55@24.50   |

Sows:

|              |             |
|--------------|-------------|
| 270-300 lbs. | 22.25@23.15 |
| 440-550 lbs. | 20.00@22.00 |

Corn belt hog receipts were reported as follows by the U. S. Department of Agriculture:

|         | This week estimated | Last week actual |
|---------|---------------------|------------------|
| Jan. 14 | 51,000              | 55,000           |
| Jan. 15 | 76,000              | 56,000           |
| Jan. 16 | 49,000              | 37,000           |
| Jan. 18 | 76,000              | 100,000          |
| Jan. 19 | 72,500              | 41,000           |
| Jan. 20 | 45,000              | 68,000           |

## MEAT SUPPLIES AT NEW YORK

(Receipts reported by the U.S.D.A. Production & Marketing Administration)

**STEERS AND HEIFERS:** Carcasses  
 Week ending Jan. 16, 1954... 15,001  
 Week previous... 12,368  
 Same week year ago... 12,526

**COW:**  
 Week ending Jan. 16, 1954... 1,859  
 Week previous... 1,658  
 Same week year ago... 1,318

**BULL:**  
 Week ending Jan. 16, 1954... 514  
 Week previous... 322  
 Same week year ago... 718

**VEAL:**  
 Week ending Jan. 16, 1954... 14,282  
 Week previous... 11,070  
 Same week year ago... 13,167

**LAMB:**  
 Week ending Jan. 16, 1954... 37,448  
 Week previous... 38,992  
 Same week year ago... 38,360

**MUTTON:**  
 Week ending Jan. 16, 1954... 1,119  
 Week previous... 657  
 Same week year ago... 952

**HOG AND PIG:**  
 Week ending Jan. 16, 1954... 6,400  
 Week previous... 5,459  
 Same week year ago... 10,527

**PORK CUTS:**  
 Week ending Jan. 16, 1954... 1,365,968  
 Week previous... 1,255,609  
 Same week year ago... 1,160,010

**BEEF CUTS:**  
 Week ending Jan. 16, 1954... 54,777  
 Week previous... 58,083  
 Same week year ago... 58,753

**VEAL AND CALF CUTS:**  
 Week ending Jan. 16, 1954... 13,556  
 Week previous... 7,741  
 Same week year ago... 6,628

**LAMB AND MUTTON:**  
 Week ending Jan. 16, 1954... 5,586  
 Week previous... 5,124  
 Same week year ago... 1,400

**BEEF CURED:**  
 Week ending Jan. 16, 1954... 5,000  
 Week previous... 19,553  
 Same week year ago... 6,872

**PORK CURED AND SMOKED:**  
 Week ending Jan. 16, 1954... 437,126  
 Week previous... 489,553  
 Same week year ago... 492,121

**LARD AND PORK CUTS:**  
 Week ending Jan. 16, 1954... 17,321  
 Week previous... 10,657  
 Same week year ago... 53,328

## LOCAL SLAUGHTER

**CATTLE:**  
 Week ending Jan. 16, 1954... 11,610  
 Week previous... 11,901  
 Same week year ago... 9,590

**CALVES:**  
 Week ending Jan. 16, 1954... 17,188  
 Week previous... 16,819  
 Same week year ago... 8,274

**HOGS:**  
 Week ending Jan. 16, 1954... 45,406  
 Week previous... 44,158  
 Same week year ago... 54,127

**SHEEP:**  
 Week ending Jan. 16, 1954... 50,420  
 Week previous... 50,383  
 Same week year ago... 49,537

## COUNTRY DRESSED MEATS

**VEAL:**  
 Week ending Jan. 16, 1954...  
 Week previous...  
 Same week year ago... 5,727

**HOGS:**  
 Week ending Jan. 16, 1954...  
 Week previous...  
 Same week year ago... 57

**LAMB AND MUTTON:**  
 Week ending Jan. 16, 1954...  
 Week previous...  
 Same week year ago... 100

## WEEKLY INSPECTED SLAUGHTER

Slaughter at major centers during the week ending January 16, was reported by the U. S. Department of Agriculture as follows:

|                                      | Cattle | Calves | Hogs    | Sheep & Lambs |
|--------------------------------------|--------|--------|---------|---------------|
| Boston, N. Y. City Area <sup>1</sup> | 13,126 | 12,652 | 47,559  | 56,970        |
| Baltimore, Philadelphia              | 7,170  | 807    | 24,929  | 923           |
| Indianapolis, Cleveland, Detroit     | 18,845 | 4,784  | 72,823  | 13,670        |
| Chicago Area                         | 30,087 | 5,903  | 68,481  | 11,090        |
| St. Paul—Wis. Areas <sup>2</sup>     | 32,381 | 28,337 | 128,793 | 16,727        |
| St. Louis Area <sup>3</sup>          | 17,954 | 6,897  | 79,974  | 13,114        |
| St. Joseph                           | 11,677 | 11     | 33,745  | 13,452        |
| Omaha                                | 36,461 | 1,306  | 66,002  | 22,516        |
| Kansas City                          | 18,498 | 3,619  | 27,976  | 13,538        |
| Iowa—So. Minnesota <sup>4</sup>      | 31,424 | 9,550  | 300,867 | 58,408        |
| Louisville, Evansville, Nashville    | 10,897 | 6,068  | 35,975  | Available     |
| Memphis                              | 7,071  | 3,470  | 27,107  | 30            |
| Georgia-Alabama Area <sup>5</sup>    | 23,650 | 4,590  | 46,562  | 20,347        |
| St. Joseph, Wichita, Oklahoma City   | 20,061 | 8,767  | 15,231  | 18,382        |
| Ft. Worth, Dallas, San Antonio       | 16,149 | 1,171  | 16,641  | 13,737        |
| Denver, Ogden, Salt Lake City        | 31,223 | 3,256  | 30,641  | 37,711        |
| Portland, Seattle, Spokane           |        |        |         |               |





# • ELECTRONICALLY GLUED HARD MAPLE TOPS FOR MEAT PACKERS

- ENDURINGLY STRAIGHTER
- FUSED FOR FLATNESS
- LAMINATED TO LAST

Tolco edge-grained, hard maple, laminated cutting and trimming tops for meat packers, canners and sausage manufacturers are electronically glued with radio waves under high pressure. This original process plus Tolerton policy of providing more laminations per foot of board surface assures a top which is straighter, flatter, more sturdy and especially resistant to warp. Write for Illustrated Folder Today.

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CLASSIFIED ADVERTISING PAYABLE IN ADVANCE  
PLEASE REMIT WITH ORDER.

### POSITION WANTED

**SALES REPRESENTATIVE:** Washington, D.C. 15 years on this market selling carloads and volume distributors. Beef, small stock and provisions. Desire an account interested in volume sales to chain stores and jobbers. Many outlets for carload sales. Have office in wholesale district. References and complete history on request. W-28, THE NATIONAL PROVISIONER, 18 E. 41st St., New York 17, N.Y.

### CONSULTANT AVAILABLE

Individual with long and wide experience in the meat industry, and especially in connection with beef and cuts, fabrication and development of new outlets, is available for consultation on a part time basis. W-24, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

### CONTROLLER-ACCOUNTANT

20 years' experience in public accounting and in administrative function of all departments of a large sausage manufacturer with peddler truck and small inspected packing house operation. University degree, excellent record and references. W-25, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

### PORK SUPERINTENDENT

30 years' experience in all phases of killing, cutting and offal. 15 years' experience as a curing foreman. Now pork superintendent of nationally known organization. Will re-locate. W-8, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**POSITION WANTED:** Desire to make change about March. General manager of small complete plant since 1941. Well versed in all operations, livestock, beef, pork operations, sausage manufacturing, curing, sales supervision. Plant operating profitably. 20 years' experience, reliable, age 41, health good. W-4, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**PLANT MANAGER:** Man 40 years old, now employed as plant manager with 20 years' experience in all phases of the industry, wishes to relocate because of plant being sold. Willing to go anywhere or fill any position with independent packer with adequate remuneration. W-2, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**MANAGER:** Now employed, wishes to locate in south, west or midwest. Will consider other locations. Large and small plant experience for 29 years. Thoroughly experienced in pork and beef operations, processing, manufacturing, personnel, sales, costs and yields. W-3, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SALESMAN:** 15 years' diversified experience. A market of 3,000,000 population. Dallas, Fort Worth, Houston, Texas market. Know all buyers in chain and super markets. Have a large following. W-1, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**ENGINEER-MASTER MECHANIC:** Graduate, 20 years' experience. Thoroughly capable all phases of meat industry. Reply to Engineer, 351 W. Marquette Road, Chicago 21, Ill.

**SALESMAN:** 15 years' heavy experience, hotel, institutional sales. Age 38. Single, have car. Will travel or relocate. W-42, THE NATIONAL PROVISIONER, 18 E. 41st St., New York 17, N.Y.

### POSITION WANTED

**INDUSTRIAL ENGINEER**  
10 years' experience in meat packing field, installing standards for cost and wage incentive purposes, methods, material handling and plant layout work. W-27, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

### CONTROLLER-ACCOUNTANT

Twenty years' experience in multi-plant cost accounting, budgets, controls, finance. Complete practical knowledge of all operations. W-26, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SAUSAGE MAKER:** And curing foreman, with 25 years' experience in direct application of all phases in sausage and curing production in both inspected and non-inspected plants, desires connection on west coast. Best recommendations. W-9, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SAUSAGE MAKER:** 19 years' experience, desires position with independent plant. Eastern location preferred. W-37, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SAUSAGE MAKER:** All around man, age 28, married, with one child. Learned trade and was trained in Switzerland. Seeks position with small or medium sized packer. Good references. Detroit-Chicago area preferred. W-28, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**BUTCHER:** Wants position. 20 years' experience in slaughtering beef, veal, lamb departments. Capable of supervising killing floor. W-29, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SALESMAN:** Smoked meats and provisions, now calling on wholesalers and chains. Desires change. W-22, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

### HELP WANTED

**MANAGER:** To handle complete beef operation—buying, processing and sales. Must be able to build up present sales and show profit. A very good proposition for right person. W-441, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**WANTED:** Top notch sausage maker for plant of 20,000 pounds production per week. Good pay. W-31, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SALESMAN:** Wanted. With knowledge of spices and cures, to cover the New England states including New York state. Should be between 27 and 35 years of age with knowledge of sausage manufacturing. Reply to Box W-14, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SUPERINTENDENT or MANAGER:** For a meat packing plant located in New York State. Must know production, as well as sales. Must be experienced and have references. Top salary and bonus. All replies treated confidential. W-15, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

### HELP WANTED

#### LIVE STOCK BUYER

Medium sized independent plant located in Wisconsin, handling cows, bulls and calves. Must know yields and grades, be able to meet people. Direct buying is done at plant. This is a real opportunity for the right man with proper qualifications and recommendations. Write to box number

W-38, THE NATIONAL PROVISIONER

15 W. Huron St. Chicago 10, Ill.

**OFFICE MANAGER AND ACCOUNTANT:** Wanted for small eastern packing plant. We are interested in a general all around man. Salary commensurate with ability. Prefer man over 40 for slaughtering and manufacturing plant with peddler routes experience. References required. W-40, THE NATIONAL PROVISIONER, 18 East 41st St., New York 17, N.Y.

**SALESMAN WANTED:** Calling on the meat packing trade in Chicago and adjoining territories, willing to sell as an added line, sheep casings for an old and reputable east coast firm. Liberal commission. Reply to W-39, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SALES MANAGER:** Capable of stimulating sales. All outlets including jobbers, chain and small trades. Extensive knowledge of beef, pork, lamb and veal needed. Must be able to handle purchasing and administrative duties required of the sales department. Very good chance for advancement. References and work record must be submitted with first letter. W-439, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**EXPERIENCED BEEF MAN:** Wanted, with some trade. Must have initiative, executive ability and experience in handling men. Excellent opportunity for advancement. Very good salary. Reputable Chicago packer. Replies strictly confidential. W-16, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**BEEF MAN:** Must have knowledge of complete operation, buying and selling. Full charge. This will be a new department for an old established packer. Excellent opportunity. Midwest location. W-18, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SALESMAN WANTED:** To sell stockinettes and other wrapping supplies for leading manufacturer. Most territories open. Commission. Write to Box W-424, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

**SAUSAGE MAKER WANTED:** With experience and ability to make a full line of sausages and loaves. Opportunity for young man with good references and a small capital to buy stock in our corporation. Write to W-442, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.



# CLASSIFIED ADVERTISING

## EQUIPMENT FOR SALE

300# Buffalo Silent Cutter, 25 hp. motor, Perfect, \$890.00; U.S. HD # SS Conveyor, Perfect, \$1150.00; 700# Mixer, less motor, Perfect, \$685.00; 24" x 12' Condenser, never uncrated, \$1,150.00; Baker 7-ton Ice Machine, used 60-days, \$575.00; #56 Enterprise Grinder, 5 hp motor, 6" plate, New, \$490.00; Fat Cuber, New, \$295.00; Frozen Meat Slicer 10,000# per hour, Perfect, \$1450.00; 300# Anco Stuffer, fair condition, \$190.00; 1,000 SS Smale Bacon Hangers, never un-boxed, 29c ea. 30" x 4" Grindstone, New, \$150.00; Ty-Linker, Good, \$990.00. Hog Head Splitter, New, \$950.00; Vienna Sausage Cutter, New, \$940.00; Tripe Washer, Good, \$625.00.

FS-20, The National Provisioner

15 W. Huron St. Chicago 10, Ill.

6-Anderson EXPELLERS, all sizes.  
6-150, 350, 800, 800 gal. Dopp Seamless KETTLES

1-Davenport 23A DEWATERER, motor driven We also have a large stock of Aluminum and Copper Kettles, Storage Tanks, Filter Presses, Hydraulic Curb Presses, Grinders, Silent Cutters, Stuffers, etc.

Only a partial listing.

CONSOLIDATED PRODUCTS CO., INC.

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### ALUMINUM KETTLE

New 150 gallon aluminum kettle available. It has a capacity of 150 gallons and is equipped with sanitary draw-off valve and safety valve. It can be used at pressures up to 75 lbs. to cook all kinds of meats. Price is greatly reduced for quick sale. For further information consult

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### SCOTCH MARINE BOILER FACTORY NEW

ASME, 125WP, 61 HP (fired with gas, oil or stoker), 50 HP with hand coal. All trim, no burners . . . \$3,211.

### UNITED STEEL PRODUCTS CO.

1534 Texas St. Memphis, Tenn.

OFFERED FOR SALE: Two Jamison Cold Storage Doors in original crates, size 4'6" x 7'2" with 4" of cork board insulation. These doors are both metal clad track doors, one left hand opening and one right hand opening. They are available for immediate shipment. A slight discount from our cost would be accepted. FS-35, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

★ ANDERSON EXPELLERS ★  
All Models. Rebuilt, guaranteed.  
We Rent Expellers

FITTOCK & ASSOCIATES, Glen Riddle, Penna.

THREE HAYSSEN SAUSAGE WRAPPING MACHINES for sale. In excellent condition. For details write to FS-41, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

1-Combination rump bone saw and carcass splitter, complete with remote control switch and balancer. Best & Donovan.  
1-Beef scribe saw, with balancer.  
These two electric saws are brand new, never unpacked and still in the original crates.

FS-444, THE NATIONAL PROVISIONER  
15 W. Huron St. Chicago 10, Ill.

## EQUIPMENT WANTED

WANTED: Hand operated hydraulic curb press. 18 x 30 or larger. State size, condition, price. LOUISVILLE BEEF CO., 210 Adam Street, Louisville 6, Ky.

WANTED: 1000 ton curb presses lard roll, filter press and cooker. Mitts & Merrill Hog. Contact Box EW-36, THE NATIONAL PROVISIONER, 15 East 41st St., New York 17, N.Y.

WANTED: TY LINKER IN GOOD CONDITION. EW-42, THE NATIONAL PROVISIONER, 15 W. Huron St., Chicago 10, Ill.

## PLANTS FOR SALE

RENT OR SELL 14,500 SQ. FT. BLDG.

### CHICAGO

AVAILABLE WITH OR WITHOUT  
GOVERNMENT INSPECTION

1-story & basement, modern, reinforced concrete building. Complete, modern equip., rails, trolleys, 4,000 sq. ft. coolers. Real estate alone worth \$100,000. Small down pymt., bal. like rent. ALRIK CO., 1607 W. Howard St., Chicago. Phone Br. 4-2880.

### MODERN 3-COOKER RENDERING PLANT

Next to metropolitan area, in northern California. Plant in full operation, have long term contracts for new materials. Excellent labor conditions. Plant located on 25 acres of ground, good living quarters, adjacent to main thoroughfares. Owner retiring.

### LIBERAL TERMS IF DESIRED

FS-38, THE NATIONAL PROVISIONER

15 W. Huron St. Chicago 10, Ill.

### PROCESSING AND KILLING PLANT FOR SALE

Weekly Capacity 35 Cattle; 85 Hogs; 35 Calves; 35 Lambs.

Location, Yocumtown, Pennsylvania, Eiters P.O. Newberry Township, York County, 8 miles to Harrisburg, Capital City of Pa., Serving Area population 200,000.

Facilities: Automatic smoke house, Gas Kitchen, Air Stuffer, Electric meat saw, Electric Hoist, Dehairer Machine, etc., Stainless Steel Kitchen Complete, Cattle Pens, Trucks, Garages, Living quarters "Double House" plot of Ground 2 1/2 acres more or less, 3 Refrigerators Approx. 14 x 15 feet. Wholesale and Retail business, includes a 35 foot all glass meat stand located in the Broad Street, Market House, Harrisburg, Pa. Well established business good opportunity for live wire. Owner has other interests and desires a quick sale. Will help to finance. Contact

FS-34, THE NATIONAL PROVISIONER

15 W. Huron St. Chicago 10, Ill.

FOR SALE: Rendering plant located in the Atlantic coast, close to large city. Modern equipment. Doing good volume of business. FS-18, THE NATIONAL PROVISIONER, 15 East 41st St., New York 17, N. Y.

## BUSINESS OPPORTUNITIES

HOG • CATTLE • SHEEP  
SAUSAGE CASINGS  
ANIMAL GLANDS

Selling Agent • Order Buyer

Broker • Counsellor • Exporter • Importer

**SAMI S. SVENDSEN**

407 SO. DEARBORN ST., CHICAGO 5, ILL.

# BARLIANT'S



## WEEKLY SPECIALS!

We list below some of our current offerings for sale of machinery and equipment available for prompt shipment at prices quoted F.O.B. shipping points. Write for Our Bulletin—Issued Regularly

### New B.A.I. Steel Lockers

Limited Quantity (100) available for immediate shipment.

15" wide, 18" deep, 40" high, with sloping top, seat brackets, on 14" high legs, padlock attachment.

Single row - three wide

Per opening \$17.75 F.O.B. Chicago, Ill.

Discounts for quantity purchases.

### Kill Floor

6891-COMBINATION CASING CLEANING UNIT: Globe, ser. #H874, mdl. #12947, in original crate, never used . . . \$2850.00  
5278-BELLY ROLLER: Boss Sr., double roller, complete with motor . . . 875.00  
6947-BEEF HOIST: Le Feill, double action, mdl. #1005-10, 30' chain, 2000# cap., 68 ft. New, never used . . . 850.00  
6948-LANDER: Dupont #17C, New, never used . . . 225.00  
5642-BEEF DROPPER: Boss, for raising or lowering dressed sides at one time, 5 HP. TRIPLE WASHER: 36" x 36" perf. cyl. beffle plates, light & loose pulley . . . 400.00  
6360-CLEAVERS: (230) New, Simmonds-Worden & White #91, 12"-13"-14" blade, ea. . . 8.00

### Sausage Equipment

6969-SMOKESTICK & GAMBREL WASHER: Globe #3579, with perf. cyl., 1/4 HP. mtr. . . \$495.00  
6639-STUFFER: Buffalo, 500# cap. ser. #68A, 2 stuffing cocks, tubes, air control piping . . . 1025.00  
6640-STUFFER: Boss, 400# . . . 950.00  
6564-STUFFER: Boss, 400# . . . 950.00  
6962-STUFFER: Buffalo, 400# . . . 875.00  
6963-STUFFER: Randall, 300# . . . 750.00  
6964-POWER LOAF STUFFER: Mecapco, stainless steel, like new . . . 275.00  
6525-GRINDER: Globe #1562, mdl. N 2747, extra ring, 25 HP . . . 975.00  
6710-GRINDER: Buffalo #26-B, 25 HP . . . 800.00  
6927-SILENT CUTTER: Boss #521, size 90-A, 600# cap. . . 1900.00  
6592-SILENT CUTTER: Buffalo #25, 15 HP . . . 1025.00  
5813-MIXER: Buffalo #5, 1500# cap. record . . . 1350.00  
6709-MIXER: Buffalo #5, 5 HP . . . 750.00  
6527-MIXER: Boss #5, hand tilt, mtr. driven . . . 535.00  
6621-SLICER: U.D. #D-53, with shingling conv. . . 1275.00  
6810-FROZEN MEAT SLICER: Ace, 1 HP. mtr. . . 450.00  
6535-REVOLVING OVEN: Bakelite portable, 60 loaf cap., thermostat controls, 1/4 HP. mtr. . . 400.00  
6965-DUAL ATTACHMENT FOR SAUSAGE STUFFER: Buffalo, stainless steel pipe connection for continuous stuffing . . . 285.00  
6966-PICKLE PUMP: Griffith #4 Big Boy, 1 HP. . . 275.00  
6549-PICKLE PUMP: Griffith, 1 HP. mtr. . . 175.00  
6544-CASING APPLIER: with GE 1/4 HP. mtr. . . 150.00  
6973-DRUMS: (50) seamless, galv., 55 gal. excel. cond., list price \$30.00 . . . 15.00  
6618-MOLDS: (1000) #26-B, stainless steel with spring covers, excellent eqpd. . . ea. 6.75

### Rendering & Lard

6903-EXPPELLER: Anderson Red Lion, 15 HP., perfect mechanical cond. used 4 mos., with Conveyor & Perculator . . . \$4350.00  
6883-HASHER-WASHER: Boss, 30" x 10" cyl. 15 HP. mtr. . . 1250.00  
6971-COOKER: Boss, 5' . . . 1450.00  
6593-HYDRAULIC PRESS: Anco, 300 ton, 14" piston, 20" x 30" curb . . . 1800.00  
6908-BLOOD DRYER: Boss, 2' x 7', bolted heads, 10 HP. mtr. . . 975.00  
5357-BLOW TANK: Boss, 4000#, complete with fittings . . . 775.00  
6848-CRACKLING GRINDER: Siedman, 15" x 12" opening, 25 HP. . . 750.00  
6299-KETTLE: 150 gal. with agitator, Gear Head mtr., excellent cond. . . 775.00  
4961-FEED FILLER: Globe, 15-65# . . . 650.00  
6854-LARD LAYOUT: consisting of 80 gal. Kettle, 60 gal. Agitator, 5 ton Hydraulic Press . . . 550.00

Watch for our Big 8 page "Year End Specials" Bulletin—now in the mail.

All Offerings Subject to Confirmation and Prior Sale

WRITE FOR FULL PARTICULARS

DISPLAY ROOMS AND OFFICES

1401 W. Pershing Rd. (39th St.)

U. S. Yards, Chicago 9, Ill.

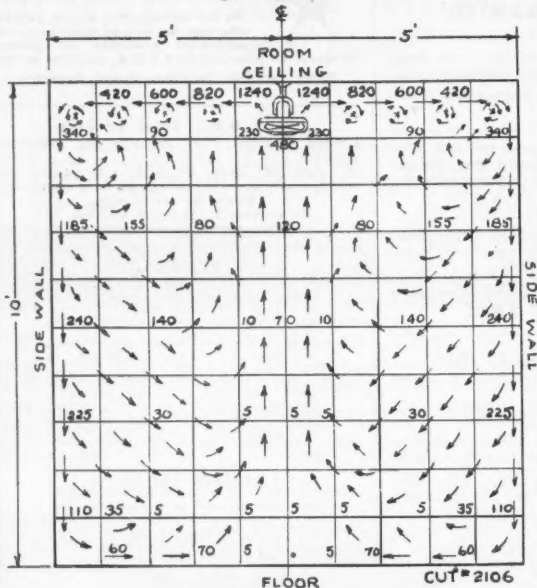
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**BARLIANT & CO.**

• New, Used & Rebuilt Equipment  
• Liquidators and Appraisers



# ACTUAL RECORDING OF AIR MOVEMENT AND VELOCITY OF 20" *Reco* REFRIGERATOR FAN



**REYNOLDS**  
ELECTRIC COMPANY

3089 River Road Established 1900 River Grove, Ill.  
Send for Bulletin No. 241



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While every precaution is taken to insure accuracy, we cannot guarantee against the possibility of a change or omission in this index.

The firms listed here are in partnership with you. The products and equipment they manufacture and the services they render are designed to help you do your work more efficiently, more economically and to help you make better products which you can merchandise more profitably. Their advertisements offer opportunities to you which you should not overlook.



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